

UA Debates Physics Classroom Proposal

By Melissa Cain
STAFF REPORTER

Dean for Undergraduate Education Robert P. Redwine presented a proposal at last night's Undergraduate Association meeting to renovate the reading room on the fifth floor



PEDRO L. ARRECHEA—THE TECH
Dean for Undergraduate Education Robert P. Redwine outlines the future use of the Student Center reading room on the 5th floor as a temporary physics classroom.

of the Student Center so that it may accommodate a new physics program.

The purpose of the program, called TEAL (Technology Enabled Active Learning), is to make MIT students "more personally engaged" in the experience of learning introductory physics, Redwine said. Redwine said that faculty and staff believe the current system of teaching physics is "not fully successful."

According to the model that Redwine brought to the UA Council, TEAL would be housed in two classrooms, each containing twelve round tables. The teacher would sit at one table while nine students would sit at each of the other tables, each of which would be equipped with three laptop computers.

The basic proposal is to renovate the reading room on the fifth floor of the Student Center so it can be used for the TEAL program during the day "when the room is not heavily used," Redwine said.

While much of the Council supported the proposal, there were a few representatives that were strongly opposed it.

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Kappa Sig To Face CLC Again After Latest Drinking Incident

By Laura McGrath Moulton
NEWS EDITOR

A Kappa Sigma brother has been suspended from taking part in house activities and ordered to attend Alcoholics Anonymous after his role in the first alcohol-related incident at the house since it was ordered to completely dry for two years by the Cambridge Licensing Commission.

The CLC is reviewing the incident and will hold a hearing about it on November 14.

The incident occurred early in the morning of September 30, when brother Kevin T. Weston '03 was transported to the MIT Medical Center for intoxication at 12:46 a.m. Weston is under 21 and Kappa Sigma's rush chair.

According to CLC Executive Officer Richard V. Scali, Kappa Sigma's Housemaster Jeffery Z. Snyder G dealt immediately to the crisis, staying up most of the night helping the fraternity formulate a response. Snyder met with Scali the Monday after the incident and filed a letter describing the incident and the fraternity's response in detail.

However, Scali said, the CLC found several "discrepancies"



TECH FILE PHOTO
Kappa Sigma has come under review by the CLC for its latest alcohol incident in which the fraternity's underage rush chair was taken to the hospital.

between Snyder's account and the police reports of the incident.

"There are issues about when and how the alcohol was obtained and who knew alcohol was present. It looks as though this one gentleman [Weston] was obtained alcohol and was drinking before a dinner

event. If the drinking was related to the event and if he continued drinking after is still up in the air," Scali said.

Scali said that the CLC, the Cambridge Police, and the Campus Police are conducting investigations which they will report at the hearing. "This is a fact-finding hearing," Scali said. "We want to find out what happened."

Incident was isolated, KS says

Kappa Sigma brother and Interfraternity Council Rush Chair Dakus S. Gunn '01 called the incident "isolated" and indicated that no one but Weston was involved.

Although he has not been expelled from the fraternity, Weston will not participate in house activities such as IM sports until he has completed an Alcoholics Anonymous program as well as community service. Gunn said that Weston accepted this action "voluntarily" and is willing to work to prove to the fraternity that he no longer has a problem with alcohol.

"When someone living in the house feels they can't function with-

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Activities Target Domestic Violence

By Shefall Oza
STAFF REPORTER

Yesterday marked the first day of Domestic Violence Awareness Week at MIT. The week, which will feature several events and is sponsored by Alpha Chi Omega and the student group Stop Our Silence, falls in the middle of National Domestic Violence Awareness Month.

"Domestic violence affects everyone, and it is our community's responsibility to respond and attempt to prevent it. The MIT community is not immune to unhealthy relationships and domestic violence," said Jennifer A. Erwin '03, treasurer of Stop Our Silence. The group is devoted to awareness and prevention of sexual and domestic violence.

"Awareness 101: Domestic Violence in College" is an AXO sponsored talk being held tonight in Baker Dining Hall at 8:30 p.m. Speakers "from the Boston Area Rape Crisis Center will talk about domestic violence and give an overview of [it]" at the event, said Hui-Fai Fong '02, co-chair for planning AXO's events this week.

In addition, Detective Sergeant Mary Beth Riley of Campus Police will teach a self-defense seminar. The president of Stop Our Silence, Radha K. Iyengar '02, will "talk about how domestic violence is related to college students," with an emphasis on dating violence, Fong said.

President of AXO Catherine Gutierrez '04 said, "We are expecting a large turnout from a variety of

people across campus."

Ribbons promote visibility

AXO will be selling flowergrams in Lobby 10 from 9 a.m. to 5 p.m. until Thursday. The carnations and irises will be delivered to students this Friday. AXO will donate all proceeds to the Boston Area Rape Crisis Center.

In addition, Fong said, "We're giving out pamphlets at our booth

and purple ribbons."

Stop Our Silence is "holding an event to represent those affected by sexual violence in our community," Erwin said.

Stop Our Silence will be handing out colored ribbons in the Student Center this week for students to "represent themselves and how they are or were affected by sexu-

Awareness, Page 28

NASA Chief Offers A Hint Of Upcoming Technology

By Eun Lee
STAFF REPORTER

Students packed Wong Auditorium on Monday night to hear NASA Administrator Daniel Goldin give a lecture on complex systems entitled "The Technology Base for the 21st Century."

This talk was the second in the

MIT System Design and Management Program's Distinguished Lecture Series.

"I'm not going to talk about the past today. I'm going to talk about the future," Goldin said. His talk outlined what may be in store for NASA and systems technology in the coming decades.

Goldin described the future of aerospace systems and the revolutionary and key technologies which will ultimately be used to achieve advancement in science and engineering.

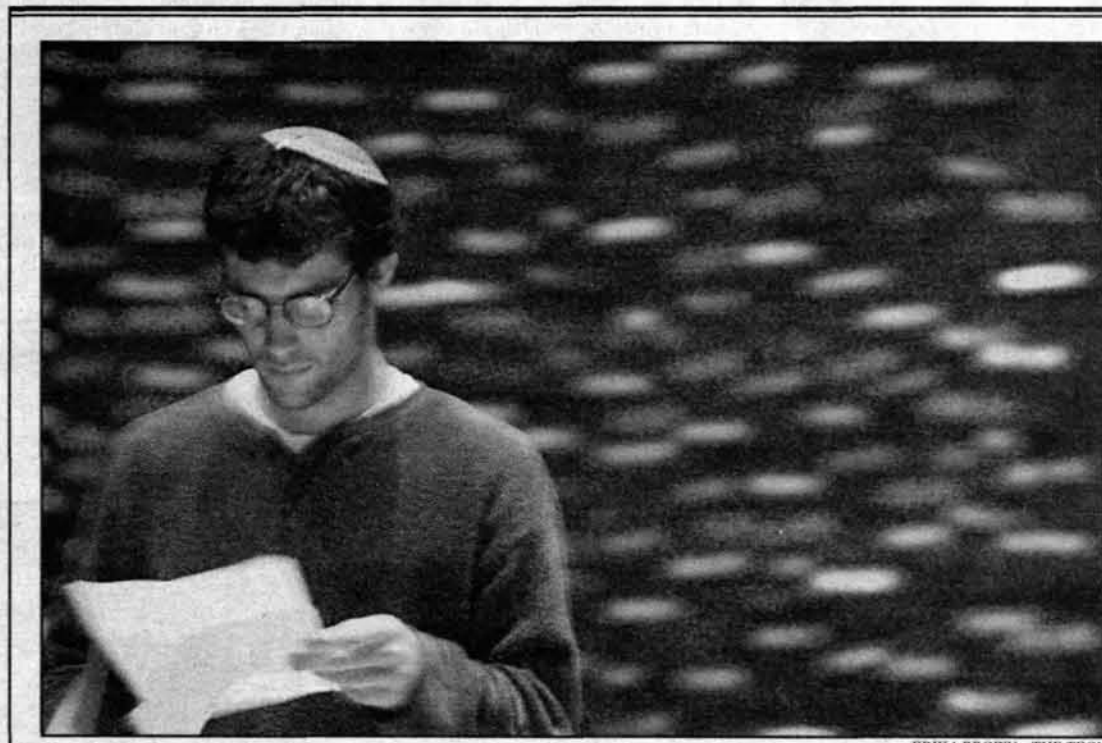
"Hopefully in this decade it will come together where we don't take things apart" to understand them, but use that understanding to "build them up," Goldin said.

Autonomy key for future systems

Looking ahead to exploration of Mars and other distant destinations, Goldin stressed the importance of reliable systems which function efficiently and adapt to changing conditions without constant human control.

In the twenty-first century, Goldin said aerospace systems will require several innovations, including the autonomy to think for themselves, resiliency to withstand harsh conditions as well as to self-diagnose and repair damages, and the ability to evolve in terms of form and function to meet increasing demands.

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ERIKA BROWN—THE TECH
Amir Rasowsky '02 shared his thoughts on peace in Israel with close to a hundred students who gathered last night for a peace vigil in the MIT Chapel. See story, page 17.

FEATURES

MIT students participating in the Cambridge/MIT program share their experiences about England.

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Jane Maduram reviews Professor Alan Lightman's book, *The Diagnosis*, a finalist for this year's National Book Award.

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WORLD & NATION

Marchers Descend on Washington To Promote American Families

LOS ANGELES TIMES

WASHINGTON

Tens of thousands marched in a peaceful, celebratory crowd that stretched from below the steps of the Capitol to the Washington Monument, promoting the strength of the American family.

The gathering was called by Nation of Islam leader Louis Farrakhan and took place on the fifth anniversary of the original men's march. The rally seemed smaller than the Million Man March — which also took place on a Monday — but it is believed to be the largest gathering of black Americans since.

Farrakhan, who in the past has provoked controversy with his anti-white and anti-Semitic rhetoric, Monday called the recent desecration of holy places in the Middle East "madness." During a wide-ranging speech of more than two hours, he also condemned abortion and described the family as "the basic unit of civilization."

Members of the largely black crowd, many with children, set blankets and lawn chairs on the Mall on a summer-like day and responded with cheers and applause as a steady stream of speakers extolled the importance of strong and unified families. The broad expanse of Constitution Avenue took on the sounds, sights and smells of a street carnival, closed to traffic, and with vendors hawking T-shirts, hats and food.

High Court Rejects D.C. Plea For Voting Member of Congress

THE BALTIMORE SUN

WASHINGTON

The Supreme Court ruled Monday that residents of the District of Columbia do not have a constitutional right to vote for their own representative in Congress or, as an alternative, to help choose Maryland's congressional delegation.

The ruling, coming in a brief unexplained decision to uphold a lower-court ruling, blocked an attempt to win from the courts what the capital city's residents have been unable to gain from Congress or a constitutional amendment. Justice John Paul Stevens was the lone dissenter.

The 8-1 decision leaves the city's voters with the right to select only a nonvoting delegate to the House — a position now held by Rep. Eleanor Holmes Norton, a Democrat.

Amy W. Slemmer, executive director of D.C. Vote, an activist group that is seeking to gain full voting rights for district residents, said, "We take this as a mandate for the work we're doing, to raise the tenor of the grass-roots debate so that the national legislature will effect a solution. This requires a political fix."

Funerals Cited for Ebola Outbreak

THE WASHINGTON POST

GULU, UGANDA

Health workers here fear Ebola may be spreading by an unexpected means: funerals. The first nursing student who died of Ebola is assumed to have caught it from an unknown patient. But Matthew Lukwiya, head doctor at Lacor Hospital, said the two fellow students might have been infected at her funeral.

By long custom, funerals here are intimate affairs. Mourners crowd into the small, mud-daubed huts where most people live, keeping vigil with the body until burial, usually the following day. Before food is shared, the mourners eschew the custom of washing and dip their unwashed hands into a common bowl.

"What is the good of that?" a WHO officer asked several women who had gathered Friday in a neighborhood where eight people had perished in the previous three weeks. "Unity," three women replied.

"That custom will have to be suspended," the district health officer declared, to nods all around.

U.N. Chief May Hold Key to Successful Talks In Mideast

By Maggie Farley

LOS ANGELES TIMES

UNITED NATIONS

At first, his presence in the Mideast peace talks was a matter of lucky timing.

U.N. Secretary-General Kofi Annan happened to be in Paris the day that Madeleine Albright was trying to convince the Middle Eastern leaders to salvage their faltering peace. She invited Annan along. At one point, Palestinian Authority President Yasser Arafat stormed out of the meeting and came back only when Albright yelled for the guards to shut the gates to keep his limousine from leaving the U.S. Embassy compound.

By the next morning, Arafat and Israeli Prime Minister Ehud Barak weren't speaking to each other at all, and Arafat would hardly take calls from Washington. But he would talk to Annan, who had a good record with the Palestinians and a softer approach.

Following the failure of the Paris talks on Oct. 5, Monday's summit in Sharm el-Sheikh, Egypt, might not have happened if not for Annan's efforts. While it may seem natural for the U.N. leader to play peace-maker, the United Nations has never

been considered neutral in the Middle East. For both Israel and Palestinians to consider Annan an honest broker is the result of a concerted campaign on his part to win Israel's trust.

As the fragile peace between Israel and the Palestinians shattered, Annan jetted to Tel Aviv to try to put the pieces back together. In three days last week, the secretary-general met Barak and Arafat four times each, shuttling between Gaza, Jerusalem and Tel Aviv to persuade them to set aside their preconditions and simply come to the table.

He called on President Clinton, French President Jacques Chirac, Russian Foreign Minister Igor S. Ivanov, the European Union's foreign-affairs chief Javier Solana, Egyptian President Hosni Mubarak and Lebanese President Emile Lahoud. He made countless phone calls and worked through the night.

In the end, Annan did it. This time, his presence at the summit wasn't simply good timing. Annan has "opened the door to Israel," said Israel's ambassador to the United Nations, Yehuda Lancry. "He is perceived by Israel as a man of reason, displaying the greatest moral authority possible. That is why his

role this week is so precious."

It was a U.N. resolution that partitioned Palestine into Jewish and Arab halves in 1947, and a series of U.N.-brokered cease-fires have stopped fighting in the decades since. The majority of nations that make up the United Nations have supported the Palestinians, considering Israel an occupying force that has flouted past U.N. resolutions and is sheltered under Washington's wing.

In turn, Israel has considered the United Nations too pro-Arab to act as a impartial mediator.

But when Annan became secretary-general in 1996, he pledged to normalize Israel's status at the United Nations, hoping that could boost chances of peace in the Middle East. Without fanfare, he has gone out of his way to meet with Israeli leaders, speak to Jewish groups in the United States and make clear that the United Nations wants to play a balanced role.

"It's not something he's done very dramatically, it's something he's done very systematically," said David Malone, the president of the New York-based International Peace Academy and a Middle East specialist.

FCC Chief Criticizes Networks For Increases in Sex, Violence

By Christopher Stern

THE WASHINGTON POST

WASHINGTON

Stepping up his criticism of the broadcast industry, Federal Communications Commission Chairman William E. Kennard said that television networks have failed the educational needs of children and have increased the amount of sex and violence in prime time.

"Broadcast standards have coarsened," Kennard said Monday as he convened a hearing on the public interest obligations of broadcasters. "There is indisputably more inappropriate content — more questionable language, sex and violence — in today's prime time."

Three years ago, the FCC began requiring TV stations to air at least

three hours of educational and informational programming for children each week. Then-chairman Reed Hundt led the effort, citing a lack of high-quality educational shows on commercial networks.

Now Kennard is looking toward a time when broadcasters will use their new digital channels to deliver a variety of services. The agency wants to ensure that as broadcasters get into new businesses, such as data transmission, they don't relinquish their obligations to provide educational television.

The FCC is considering rules that would require broadcasters to air additional educational programming in return for the digital airwaves they received in recent years.

Kennard's power to impose new

regulations on the industry are limited because he is expected to step down from his appointed position in January even if Vice President Al Gore wins the election. Any proposal he makes will likely be reviewed by the next chairman.

Last week he criticized NBC and Fox for failing to carry full coverage of the presidential debates. NBC carried the debates on its own stations but gave affiliates the option of carrying a baseball game. Fox has not aired the debates.

"Saddling stations with additional regulation cannot be justified, given the billions that broadcasters provide annually in public service," said Dennis Wharton, a spokesman for the National Association of Broadcasters.

WEATHER

Rainy Days and Wednesdays

By Rob Korty

STAFF METEOROLOGIST

After a rather dismal Monday (afternoon temperatures hovered in the middle 40s°F (7-9°C) under gloomy skies), the forecast for the immediate future isn't looking much brighter. After a gorgeous weekend in Boston, some cold air sneaked southward from eastern Canada behind a "backdoor front" — so called because the air mass moves in the opposite direction of the usual, mean flow; very generally air typically moves from west to east at our latitude. It was even cold enough on Monday to support a mix of rain, sleet, and snow across portions of New Hampshire and Maine.

While today looks to be a little drier and slightly milder than yesterday, it will still pale in comparison with the weather of last weekend. Expect clouds to remain as an area of low pressure presses toward the East Coast. Showers will likely be confined to our west today; New York, Pennsylvania, and Virginia will bear the brunt of the rain. New England, though, will be the sole host for cool air today.

Temperatures across much of the remainder of the United States will be pleasant for the second half of October: 60s and 70s°F (15-27°C) will be commonplace throughout the South, Great Plains, and West.

As the front pushes east, expect the return of a chance of rain by Tuesday night. If we are fortunate, the low should push out of the region in time for Thursday to be a pretty nice day.

Extended Forecast

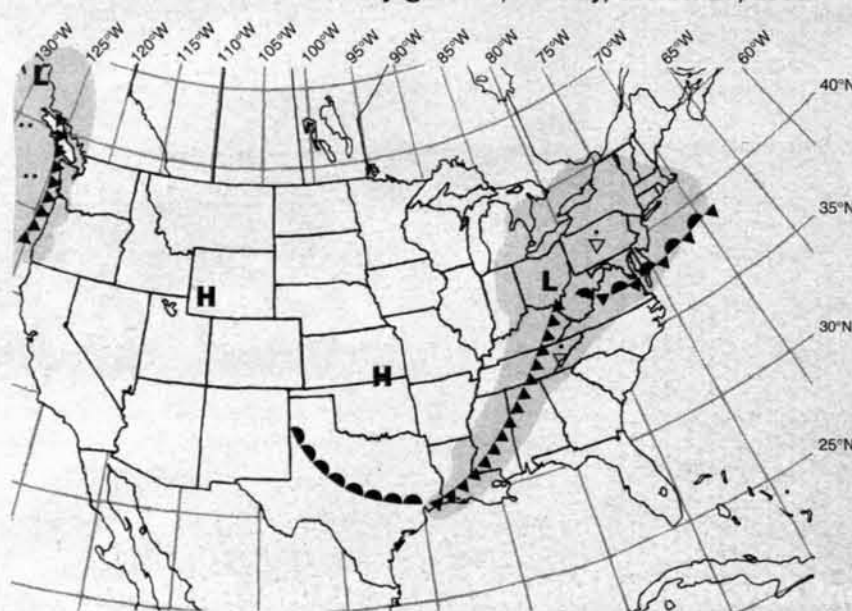
Today: Cloudy, with a high of 58°F (14°C).

Tonight: Rain returning, low near 50°F (10°C).

Wednesday: Rain, possibly breaking by evening. High again in the upper 50s°F (13-15°C).

Thursday: Partly cloudy and milder. High near 65°F (18°C), low in the upper 40s°F (8-10°C).

Situation for Noon Eastern Daylight Time, Tuesday, October 17, 2000



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	Snow *	Fog
L Low Pressure	- - - Warm Front	Light Rain	Thunderstorm
S Hurricane	- - - Cold Front	Moderate	Haze
	- - - Stationary Front	Heavy	

Compiled by MIT
Meteorology Staff
and The Tech

Final Debate Could Determine Winner in Nearly Tied Election

By Dan Balz and Richard Morin
THE WASHINGTON POST

WASHINGTON

Vice President Al Gore and Texas Gov. George W. Bush meet Tuesday night in St. Louis for their final and potentially decisive debate, with Gore under pressure to sharpen his differences with Bush and convince voters that he is best equipped to keep the economy prospering.

A new Washington Post-ABC News poll shows Bush maintaining a narrow lead three weeks before Election Day.

That represents no significant change from a week ago, but there has been a clear shift in the balance of the race since the debates began on Oct. 3 in Boston.

The poll showed that Gore has suffered a sharp drop in his credibility rating in recent weeks, which may complicate his efforts to win over swing voters in Tuesday night's debate.

Last month, more than six in 10 voters said Gore was honest and trustworthy. Today, fewer than half shared that view. Bush's credibility also dropped slightly in the most recent Post-ABC News poll, suggesting that voters currently view both candidates with heightened skepticism.

Tuesday night's debate will be held in the shadow of the ongoing conflict in the Middle East and the efforts by President Clinton and other leaders — so far unsuccessful

— to nudge the Israelis and Palestinians away from the violence of the past three weeks and toward serious negotiations.

Both campaigns remain wary about how the international events may affect the final weeks of the campaign.

Bush's October surge caught the Gore campaign by surprise and has unnerved many Democrats, who say the vice president must use Tuesday night's debate to put Bush on the defensive and regain the initiative in the race.

Gore advisers acknowledged Monday that the first two debates have left the man with a reputation as a champion debater with considerable unfinished business.

NATO May Reduce Peacekeeping Force in Kosovo after Elections

By David Holley
LOS ANGELES TIMES

PRISTINA, YUGOSLAVIA

A new democratic government in Yugoslavia and law-and-order gains in Kosovo will open the door to reductions of the international peacekeeping force in the province, but cuts must be made gradually, military and civilian authorities here say.

U.S. Air Force Gen. Joseph W. Ralston, commander of NATO forces in Europe, noted at a news conference Monday in Pristina that troop levels have been boosted to provide security before local elections set for Oct. 28. He strongly implied that the force will begin returning to pre-election levels after

the vote.

While avoiding any timetable, Ralston also indicated that the international force here, known as KFOR, could be further reduced if the Yugoslav army no longer appears to pose a threat of attack.

KFOR has 39,900 troops in Kosovo, including 5,700 Americans. An additional 5,500 KFOR soldiers, including 1,000 Americans, are in support capacities in nearby Macedonia, Albania and Greece. Before the pre-election buildup, KFOR had about 36,000 troops in Kosovo.

"We go through on a continuous basis looking at the environment, looking at the threat, looking at the mission tasks," Ralston said when

asked about the apparent decrease in the threat of Yugoslav attack under the new government of President Vojislav Kostunica. The peacekeepers arrived in the separatist province last year after an 11-week NATO bombing campaign against Kostunica's predecessor, Slobodan Milosevic.

Bernard Kouchner, the Frenchman who heads the U.N. mission here, said in an interview that "with the change in (the Yugoslav capital of) Belgrade, we can consider the eventuality of reducing some forces."

"In some few months, and eventually some few years, we can certainly reduce the forces," Kouchner said.

Supreme Court Refuses to Hear Squabble Over Tiger Trademark

LOS ANGELES TIMES

WASHINGTON

The Supreme Court refused Monday to referee a cat fight between the oil company that puts a "tiger in your tank" and the cereal maker whose Frosted Flakes are described as "grrreat!" by Tony the Tiger.

Instead, the high court sent the trademark dispute to a trial judge to decide whether consumers are sometimes confused about the two famous tigers.

Four years ago, cereal maker Kellogg Co. sued Exxon when the oil giant started selling food products in its Tigermart convenience stores. The stores featured Exxon's friendly cartoon tiger and the cereal maker said that consumers might think its products are sponsored by Kellogg.

"It's one thing when their tiger is selling gasoline. But when their tiger is selling food and beverages, that's something else," said Daniel S. Mason, a San Francisco attorney who represents Kellogg. He cited a Kellogg survey that found 1 in 4 consumers thought the cartoon tiger on the Exxon beverage cup meant the product was Kellogg's.

"We think that's farfetched," responded Louis T. Pirkey, an Exxon attorney from Austin, Texas. "We think consumers know the difference between Tony the Tiger and the Exxon tiger."

The trademark dispute illustrates how companies are increasingly going to court to protect their brands and images.

College Costs Continue to Rise

THE WASHINGTON POST

WASHINGTON

After slowing for most of the 1990s, college tuition increases bumped upwards this year, the College Board announced Monday in its annual survey of college costs.

The main Washington lobby for higher education said big increases in energy and health costs were responsible for the shift in tuition trends. Other college groups blamed financial pressures related to academic quality, student comfort and technology.

Tuition at four-year public colleges rose an average of 4.4 percent for the 2000 school year, the first time since 1991 that the increase was higher than it had been the year before. Last year, public college tuitions increased 3.4 percent, on average.

The latest tuition increases at private colleges averaged 5.2 percent, up from 4.6 percent a year ago. Tuition increases at private institutions had also been headed down in the 1990s, although the pattern was less consistent. It was the third time since 1988 that private college tuitions had increased faster than they had in the previous year.

Stanley Ikenberry, president of the American Council on Education, which represents higher education in Washington, said colleges experienced a 10 percent increase in health insurance costs in the last year "along with double digit increases in energy prices."

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Enriching the Freshman Experience

I am writing to respond to *The Tech* article ["CUP Releases Report on Pass / NR," Sept. 26] concerning the proposed changes in Pass/No Record grading. The writer expressed a sentiment that is shared by many faculty, myself included: MIT does not do a good enough job of providing freshmen with adequate information about the variety of choices available to them. This applies to the broad array of opportunities for exploration, as well as the more limited question of their future major.

However, the issues of Pass/No Record grading are more or less decoupled from the problems of freshman advising. The CUP's Subcommittee on Pass/No Record Grading and AP Credit has made thoughtful and educationally motivated proposals which should be discussed within the MIT community, even while we pursue improvements in the advising system.

Last year the Committee on the Undergraduate Program solicited proposals from the faculty for innovative projects that would

improve the first-year experience — an initiative supported by the d'Arbelloff Fund. As a result this year freshmen are being offered several pilot subjects and programs intended to give them a chance to explore new areas and thus avoid the trap of (in the editorial's words) the "rigid, inflexible schedule of basic requirements." One of the new subjects is being offered this term by Professor Kip Hodges. "Mission 2004" is giving 50 freshmen a chance to work in teams to solve complex, interesting problems that require the creative integration of concepts from other first-term subjects. We hope that more such project-based experiences can be part of the regular freshman program in the future.

In the spring term, two other new activities will be offered to first-year students. One, an undergraduate seminar, "Factories and Laboratories," will give freshmen a chance to explore the areas in science, technology, bio-engineering, and medicine at the Institute and in the world beyond MIT.

The seminar involves a series of visits to sites at MIT and field trips throughout the Boston area. It will feature talks and visits by faculty members and alumni experts who will

tie the material to larger questions of science, technology and society.

Another new opportunity for freshmen this year will be the chance to join "BioMatrix," a supplementary advising program that will give students a non-didactic, hands-on opportunity to observe and participate in the biological sciences. It is hoped that BioMatrix activities (evening seminars and social gatherings, field trips, group projects, etc.) will help students explore and make decisions about study and career opportunities in the biological sciences.

In addition, the CUP this year will be taking a look at other aspects of freshman advising and opportunities for experimentation. CUP may once again solicit proposals to enrich the freshman experience. We know that there is more to be done to help students make informed choices in the first year and to get better advice and guidance as they're making those choices. At the same time, freshman year grading is a subject long overdue for discussion. I would welcome hearing from students on any of these topics.

Robert L. Jaffe
Chair, Committee on the Undergraduate Program



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, news editors, and opinion editors.

Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and may be sent to letters@the-tech.mit.edu. Hard copy submissions may be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. *The Tech* can be found on the World-Wide Web at <http://the-tech.mit.edu>.

The Ombudsman

A Reader's Advocate

You've sent e-mails, marched into *The Tech* office waving copies of the paper, and even protested outside the newsstands in Lobby 7: you are readers dissatisfied with this paper.

Despite the best efforts of its staff and editors, *The Tech* has managed at times to offend, insult, or otherwise disappoint its readership. A professor once compared this paper to *Pravda* following what he considered to be unfair coverage of one of his projects; it seemed like most of campus wrote letters accusing Stacey E. Blau '98 of prejudice, poor judgment, and worse following her infamous column lambasting fraternities ["Hypocritical Fraternities Embarrass MIT," Feb. 25, 1997].

As journalists, the members of *The Tech* are required to make difficult decisions each day and as human beings they sometimes make mistakes. Even though the *The Tech* strives to be fair, even-handed, and precise in its coverage of campus issues, its members cannot be expected to perform infallibly.

The Tech can disappoint its readers in less dramatic ways as well: crossword puzzle solutions are occasionally forgotten, names are misspelled, photos don't match their captions.

When these errors, minor or otherwise, have arisen in the past, readers have had no recourse but to contact the very writers and editors whose decisions led to their dissatisfaction. Writing letters or guest columns has always been an option (and will continue to be), but readers wishing to speak with a neutral member of the paper's staff have been left without recourse.

To address this shortcoming, *The Tech* has created the position of ombudsman. In his *New Political Dictionary*, William Safire defines an ombudsman as "an official intermediary between citizen and government to counteract the delay, injustice, and impersonality of bureaucracy." For the curious, the word itself comes from the Old Swedish, *umbud*, which means proxy. In the context of this paper, I like to think of myself as the readers' advocate.

I am a member of *The Tech's* staff (and was elected to this position by its managing board), but I hope to serve on behalf of the readership of the paper rather than on behalf of those who produce it. I am here to listen to your concerns and complaints regarding *The Tech*.

While I don't have the power to influence the content of the paper directly, through this column (which is not edited by anyone besides myself) and my position as a member of the managing board, I will be able to make your concerns heard by the editorial board.

Ombudsman is a new role for me and a new position in *The Tech*. In the past I have held the positions of writer, news editor, and editor in chief. I have made my share of journalistic errors and hope that my experience can now be used to benefit you.

I don't expect to be able to stop the inevitable gaffes and conflicts that arise when the same close-knit community is the source and consumer of news. As ombudsman, I can only hope to speed the resolution of such conflicts and limit the damage they inflict both on members of the community and on this paper's reputation.

The next time *The Tech* fails to live up to your expectations, whether it's because the crossword is too easy or the comics are too raunchy or for any other reason, don't hesitate to contact me.

Frank Dabek is *The Tech's* Ombudsman and a former Editor in Chief. He can be contacted at ombudsman@the-tech.mit.edu or frank@mit.edu with questions, concerns, or complaints about this paper.

Save Racing, Save Jobs, Save Research

Vote No on Question 3 to Preserve Greyhound Racing, and More

Michael J. Ring

If you enjoy eating meat or wearing leather, or you conduct research involving animal experimentation, your rights in Massachusetts could be at grave risk.

Bay State voters will be asked this November to decide Question 3, which, if passed, would abolish the sport of greyhound racing in Massachusetts. But Question 3 isn't just about greyhound racing. It's about the attempts of animal rights extremists to impose their radical agenda on the people of Massachusetts. Question 3 deserves to be defeated soundly.

The allegations of Question 3 supporters that greyhounds are abused at Massachusetts tracks are spurious lies. The greyhounds at Massachusetts' two tracks, Wonderland and Raynham-Taunton, receive the highest level of care. They are well-fed, feasting on a stew of beef, chicken, vegetables, and barley each day. Greyhounds receive expert veterinary care to insure they are in peak athletic form. They enjoy several periods of exercise each day. The greyhounds at Raynham and Wonderland receive better care and treatment than most family pets.

Greyhound racing is one of the most highly regulated industries in Massachusetts. State racing commission inspectors guarantee that greyhounds receive the high level of care that they deserve. Additionally, Massachusetts is the only state in the nation with a unit of the Massachusetts State Police assigned to aid the Racing Commission in its inspections. With such a high level of oversight, it should be no surprise that there is no abuse of greyhounds at the two tracks in Massachusetts. As State Racing Commissioner Robert Hutchinson bluntly told *The Boston Phoenix*, "We're hard-asses."

A simple, logical analysis of the facts surrounding greyhound racing demonstrates that kennels have incentives to provide only the maximum possible level of care. Since kennel owners and employees depend on racing greyhounds for their livelihoods, they of course want to guarantee their greyhounds are in peak physical shape. It's a

simple fact of logic: a well-nourished, well-cared-for greyhound is more likely to run a good race.

And greyhound owners and trainers will go to great lengths to care for their animals if an injury does occur. One example to which I can personally attest is the recovery of KC Sundrop. KC Sundrop was seriously injured after winning her maiden race, but her trainer never gave up on her, giving her the therapy she needed for several months until she was able to race again. KC Sundrop has fully recovered and recently won a top grade race at Lincoln Park, the nation's most competitive greyhound track.

But logic has never stopped Question 3 proponents from continuing their campaign of lies and misinformation. Supporters of

Question 3 admit they are using documentation of allegedly abused or killed greyhounds from other states, and even other countries, in an attempt to sell Massachusetts voters on their agenda. In Massachusetts, the truth is not on their side. The Massachusetts State Racing Commission

reports that of 2,195 greyhounds leaving Wonderland and Raynham in 1999, only 58 mostly ill or injured greyhounds were humanely euthanized. Wonderland and Raynham both do outstanding jobs in placing retired greyhounds with families as pets, and many Massachusetts greyhounds return to greyhound farms for breeding purposes after their careers are over.

While supporters of Question 3 claim to be concerned about greyhounds, they apparently have no sympathy for the thousands of Massachusetts residents who derive a livelihood from greyhound racing. Approximately 2,000 men and women are employed in this state by the greyhound tracks, kennels, and industry suppliers. What will happen to these hardworking employees and their families if Question 3 is passed? Question 3's radical agenda endangers many union jobs — not just at tracks, but also in industries such as meatpacking and leather tanning which could be future targets of animal rights activists. A scant few nonunion jobs elsewhere in Massachusetts' service industries can offer the benefits on which a worker can support his or her family. In putting

the rights of animals before the rights of people, Question 3 puts thousands of people in economic jeopardy.

And the animal-rights activists backing Question 3 won't be content to stop with just greyhound racing. Extremist groups like People for the Ethical Treatment of Animals, which supports abolishing greyhound racing, will come back for more. The animal rights community wants to abolish horse racing, zoos, aquariums, the wearing of leather and fur, the eating of meat or fish, and even the use of animals for potentially life-saving medical research.

While the placement of animal rights above our rights will negatively impact all of us, any professor or student engaged in animal research should especially speak strongly and vehemently against this proposal. MIT and the biotechnology community in Cambridge are some of America's great centers of biological research. The work which is conducted on this campus and at nearby companies could someday save our lives. A necessary part of the research of new drugs and vaccines is to test their effects on animals before conducting human trials. The explosion of new drugs and vaccines over the past decade have already saved or improved countless lives, and the potential for lifesaving medical research should grow only brighter as medical science advances.

But a victory for animal rights activists would send a chilling wind through the scientific community. The essence of Question 3 is that animal rights are more important than your rights as a human being. In other words, Question 3 proponents argue that you do not have a right to use animals responsibly, be it for entertainment or critical scientific research. Animal rights activists want to interfere in your ability to conduct science for the betterment of humankind, and passage of Question 3 would make that fight much easier for them.

The false claims of Question 3 supporters regarding treatment of greyhounds are reason enough to merit overwhelming rejection of this initiative. But the attempts of animal rights extremists to force their agenda on Massachusetts, and the threat that passage of Question 3 would pose to people who enjoy eating meat, hunting, or favor the use of animals in medical research, are simply scary. The only way to prevent this radical agenda from spreading further is by voting a loud and clear "NO" on Question 3 next month. Remember — it's not just about greyhound racing.

The Broken Mirror

Veena Thomas

I broke a mirror this past Friday the Thirteenth. Luckily for me, I'm not at all superstitious. I maintain that acting supremely confident in the worthlessness of superstitions (ie, showing those evil spirits who's boss) is more than enough to ward off any bad luck which may otherwise be incurred. Luckily for me, my theory appears to work, or I would really be in trouble. Breaking a mirror, and on Friday the Thirteenth, no less? I didn't even know what would happen to me. Is it like receiving a traffic violation during construction, when all fines are doubled? Would I have received fourteen years of bad luck instead of merely the requisite seven?

Superstitions are a strange, eclectic collection of rituals designed to either assuage the nebulous luck spirits into smiling upon you favorably, or avoid damning you straight to hell (no passing Go, no collecting \$200). Why do people allow their lives to be controlled, even subtly, by such seemingly nonsensical superstitions? Undoubtedly, they are firmly rooted in American folklore, and their persistence has something to say about the human psyche. Let's examine a few of them.

First of all, why Friday the Thirteenth? The number thirteen has long been viewed as being unlucky. However, every 18.01 student worth his salt knows that a number is just a number, like any other number. (Except of course, $e^{\pi i}$; since that equals negative one, that's just cool).

There's no apparent reason for the number thirteen to be unluckier than any other number. And why Friday? Somehow Friday the Thirteenth is reputedly unluckier than Tuesday the Thirteenth, or Friday the Fourteenth.

How about a rabbit's foot as a good luck charm? Think about it. Why on earth should

carrying around the foot of a rabbit bring good luck to those who do so? Indeed, it's deemed socially acceptable! Anyone who walked around with a rabbit's head on a keychain, or a cat's foot, and claimed it was for good luck, would surely be arrested and/or hospitalized. It is a rabbit's foot, after all. Why should it be the bearer of good luck? Obviously it didn't bring the rabbit any good luck when it was still attached to his body — he was killed so some random tourist could walk around with his foot on a keychain.

I've never understood why people feel the need to throw pennies into any body of water they see, regardless of size or purpose. Supposedly it, too, brings good luck. Yet walk through any public park, and examine the fountains — the bottoms are simply covered with a layer of pennies thrown in by people at whim.

Undoubtedly by this point some public fountains are designed for such activities — the money is collected on a regular basis and is donated to charity. How about other, non-public areas? What is it about a beautiful, pristine body of water that makes someone say, "Wow, that's pretty — I think I'll throw all of my spare change into it!" Waterfalls, ponds, puddles, birdbaths — all have been the victims of this superstition.

Interestingly enough, this tradition has spread to more than just bodies of water. When I visited Plymouth Rock several years back, dozens of people were attempting to pitch their pennies up top. Surely that's not what the Pilgrims had in mind hundreds of

years ago. Why is anyone literally throwing away their money anyway? Admittedly, a penny is small change, yet it's still legal tender in all fifty states. Lest you think I'm a penny aficionado, I hate pennies enough to have written an entire column on them ["Pennies From Hell," February 26, 1999], but it's still my money, and I'm not about to throw my hard-earned penny into the nearest puddle.

Don't get me wrong; I can kind of see the point of some superstitions, but they are few and far between. If you walk underneath a ladder, and it falls on you, you'll probably receive more than a few broken bones in addition to your seven years of bad luck. Maybe, of course, you won't be able to move for the next seven years, which would be very bad luck indeed.

The use of four-leaf clovers as good luck charms also makes sense. Considering how rare they are, if you can find one, you're pretty damn lucky. But how about the bad luck penalty involved for breaking a mirror? Sure, it's no picnic to clean up all of that broken glass, but the only really bad thing I can see in my future is a very awkward walk back from the Kendall Coop dragging a new full-length mirror.

Do superstitions really cause bad luck? I'll let you know in seven years. Come find me — I'll be the one clutching a rabbit's foot in each hand, throwing pennies into a fountain. I just might have had a change of heart by then. After breaking a mirror on Friday the Thirteenth, I'll need all the luck I can get.

Anyone who walked around with a rabbit's head on a keychain, or a cat's foot, and claimed it was for good luck, would surely be arrested and/or hospitalized.

A Visit Home

Jyoti Tibrewala

The recent long weekend afforded me my first chance to take a trip home. It seemed like the perfect way to spend a four-day reprieve from classes. And I had been planning for that weekend almost since the beginning of classes (people have also told me that I had been talking about it non-stop since then).

Well, I was right about it being a good idea. I got to spend time with my family, catch up with old friends, and visit my high school. I'd be lying if I said that I was also able to get a good deal of my homework done; I had hoped to, but I knew that it wouldn't happen — I don't think I need to explain myself there. It was also great to get all kinds of extra attention from my parents; they spent so much more time with me than they ever used to when I was living at home. Hopefully, it lasts for my next few visits too.

On my return trip, I was traveling with a

couple of other MIT students I had run into at LaGuardia Airport in New York and at Logan Airport here. Even though I was with fellow students, I don't think I fully realized that I was coming back. (At LaGuardia, someone who apparently noticed my MIT keychain asked me where I lived and I replied with the name of my hometown.) When the taxi dropped us off in front of Baker, I don't think I had realized I was back. I don't even think I realized it when I got off the elevator in McCormick (the kind of answer my airport acquaintance was looking for). It finally hit me when someone told me that I had a message from home — at least an hour after I had actually gotten back. And then I felt something I was only vaguely familiar with: homesickness.

It's quite surprising that I hadn't felt it sooner. After all, I had been here for six weeks already. That was actually one thing I was worried about coming here — being homesick. By here I don't mean MIT in par-

ticular, but leaving for college. I don't mean to say that in six weeks I have never thought of home and my family; I've just never missed them. That struck me as weird since I like to consider myself a family person. If you can believe it, I was almost disappointed in myself for not missing home.

Well, there simply had to be an explanation for this. Was I so engrossed in my studies and my activities? Have I really been that busy?

I didn't think so. But then again, people are always talking about how there are so many things going on here. I never doubted that, but I really didn't think that it was so true. I guess it is. That's a relief.

Looking back, I'd say that the strangest part of my nostalgia (if you would even call it that) would be the fact that it lasted for all of ten minutes (at most). As soon as I finished returning my parents' phone call, I caught up with some friends, and I didn't feel homesick anymore. In fact, I'm starting to feel quite at home.

Growing Up

Guest Column
Kevin Choi

When I was growing up in Vietnam, my mother would take my sister and me to the Chinese opera in Saigon every Sunday. It was our regular family routine. My father would spend the day out with his friends while my mother took us into the city.

On those mornings, she would come into our room and wake us up. "Come on kids, let's get ready. It's going to be a big day today," she would say in Cantonese. "Butterfly Lovers' is playing and you'll love it!"

My sister and I would get dressed and brush our teeth with the toothpaste that my grandma from America had sent us. We would then catch the bus to the city. The ride took an hour.

As soon as we arrived, my eyes would glow. There was so much to buy in the city. Vendors hawking clothes labeled "Adidas" lined one side of the street while vendors serving food in makeshift tents lined the other.

When it was time for lunch, my mother would take us to the vendor serving warm and fresh Pho noodles. The three of us would sit down and eat, and every so often my mother would recognize friends of hers passing by, and she would wave hello to them.

After lunch, my mother would walk us to the playhouse, buy tickets, and take us to our seats. As soon as the curtain opened, I was

*During the drive home,
there was silence.*

*I knew I had gotten myself
into big trouble.*

transported to another place, another time. The lights dimmed and all I could hear was wonderful music. All I could see were actors embracing their characters and putting all of their emotions into the production. I was captivated and I knew that when I grew up, I would become an actor.

When we got home, I would entertain my parents and my neighbors by singing to them songs from the opera we had just seen in the city. My mom would laugh and tell me I was going to be a big star someday.

I was six then.

When I was nine, I was caught trying to steal a toy out of a cereal box. My family had been in America for almost two years then. We were shopping in an Asian neighborhood grocery store. I was bored and proceeded to open a new cereal box to get to the "free cool toy inside," as the outside of the box read in big blue letters.

When I looked up, a manager was walking toward me. He escorted me to the front of the store where my parents happened to be standing in line. The manager went up to my parents and told them what happened. After an exchange of words, the manager decided to let me go if my parents agreed to buy the opened cereal.

During the drive home, there was silence. I knew I had gotten myself into big trouble. When we got home, my parents took me to my room.

"We're not angry with you, son, just very disappointed," my father said sternly. "You have to know that it's wrong to steal. Do you think we can't afford to buy you this cereal? Never shall you do this again, do you hear?"

That day, I vowed to myself that I would never disappoint my parents again.

When I was sixteen, my mother would wake up in the middle of most nights to come into my room to turn my lights off for me. I was a high school senior at the time and acquired a habit of falling asleep with the lights on and a textbook in my lap. I would be startled when she came and in my daze, all I could make out was the outline of her face.

"Good night, mom," I would say. I knew she took a bit longer than necessary to close the door so she could look at her son a few seconds longer. She was proud of me and would be even more proud later when she found out I had been accepted to MIT.

I'm twenty now. I was shopping for groceries by myself at Star Market in Porter Square the other day. I was in the ice cream aisle trying to decide whether to buy Breyer's All-Natural or Ben & Jerry's. I realized that if my mom were there she would suggest I buy the less expensive brand. She wasn't. I chose the Ben & Jerry's.

It's amazing sometimes when I look back at my childhood and see how much I have grown. I am an adult now and have been one for quite some time now.

How fast these twenty years have gone by.

Kevin Choi is a member of the Class of 2001.

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FEATURES

The Evolution of MIT's Pass/No Record System

By W.S. Wang and Nancy Keuss

STAFF REPORTERS

The Committee on the Undergraduate Program (CUP) recently recommended that freshmen be subject to an A/B/C/No Record policy in their spring term rather than the current Pass/No Record system. If enacted as policy, this change would simply be yet another adjustment in the dynamic history of the freshman grading system.

The MIT Pass/Fail policy was initially an experiment, as MIT sought to offer students more freedom in choosing classes and less emphasis on grades. The growing academic strength of admitted MIT classes, coupled with the general spirit of non-conformity in the 1960s era, led to changes in academic policy. Partly to ease pressures on students, MIT voted in 1968 to eliminate letter grades for all freshmen and to impose a credit limit.

Originally intended to end after four years, the program has lasted over three decades but has not progressed without change. One seemingly subtle change to the policy was the switch from Pass/Fail to Pass/No Record in 1973. While this made no actual difference in grading standards, it further encouraged freshman exploration of classes.

A study done by sociologist Charles L. Stannard in the spring term of 1971 describes "the overwhelming support for Pass/Fail among those students who have experienced it." This extensive survey also suggested that "it is likely that any drastic reduction in the status of Pass/Fail would not be well-received by the student body and might even be interpreted as an act of bad faith on the part of the administration and faculty."

Although the program did reduce the amount of competition for grades, it did very little in alleviating the anxieties and pressures about academic progress, according to the Stannard study.

However, most students still shared the view of Daniel E. Geer, Jr. '72 who wrote a letter published in *The Tech* in 1989 ["Pass/fail critics lose sight of positive effects," March 10, 1989]. "I was a freshman the first year that pass/fail was used for freshmen. I came South to North, rural to urban, social isolation to

compression, from licking the dew from rocks to drinking from a fire hose," Geer said. "If it had not been for pass/fail, I would have drowned."

Geer's letter came in response to a 1988 rush of recommendations for changes to promote a "more flexible" first year program. They included an elimination of Pass/No Record in the spring semester, a passing grade

to be C or higher, one subject per semester after the first semester on Pass/No Record, and the elimination of the junior/senior pass/fail option. These recommendations were met with heated debate, but an eventual compromise was reached, and what remains is the freshmen grading policy today.

Now, in 2000, the Subcommittee of the CUP once again proposes the elimination of

Pass/No Record for the spring term. Dean of Undergraduate Education Robert P. Redwine notes that "ten years of experience has shown that it is not a good idea to allow students to take classes that they cannot handle." Whether or not this new recommendation passes, the forgiving and dynamic freshmen grading system remains a relatively unique aspect of the Institute.

Viewpoint

What do you think about the freshman year pass/no record system at MIT?

"Pass/Fail definitely reduced stress, but I was less likely to work hard."

Carolyn Chen '02
IV (Architecture)



"No grades, no motivation!"

Ethan Cotterill '01
XVIII (Mathematics)

"My life would definitely have been different without Pass/Fail because I would have worried about my grades more. I'd have better grades, but my non-academic life would have been very underdeveloped."

Sinh Killipriest
Thong '03
VIII (Physics)



"I'm willing to take classes that are harder and more challenging because I don't have to worry about grades."

Rodrigo Luna '04
XVIII (Mathematics)

"I'm going to take classes next semester outside of my major because of Pass/Fail."

Joe Yu '04
VI (Computer Science and Electrical Engineering)



"Pass/Fail is good. I don't worry 'Oh I didn't do better than my roommate' or 'I'm the stupidest one in my suite.'"

Sarah Poulsen '04
Course 9 (Brain and Cognitive Sciences)

"Without Pass/Fail I'd be a lot paler, and I'd spend a lot more time in my room. I'd be less happy."

David Ziegler '04
VI, XV (Computer Science and Electrical Engineering, Management)



"Transition from freshman to sophomore year was terrible. I didn't know what my strong or weak points were as a student. I used to stop studying when I got tired or bored. I

wasn't prepared to have to pull all nighters to get good grades on problem sets. Pass/Fail doesn't give a realistic sense of the academic rigors of MIT."

Marry Farrow '01
VII (Biology)



"Pass/Fail didn't affect how I worked. I would have done the same amount of work either way."

Tilke Judd '02
XVIII (Mathematics)

"When I started here, I wasn't doing as well as I would have liked. There are people here who are far more brilliant than I am. So, is the reason I'm studying this because of an ego trip where I want to be the best in my field or because I really care about the subject. I asked whether I love the material and want to learn for learning's sake even though only me and my advisors saw the grades."

Eric Downes '03
Undecided



Compiled by Jacqueline T. Yen



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**AUTOMATION
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MIT Students in England Share Experiences Through Exchange Program

By Sonali Mukherjee

STAFF REPORTER

Many students who enter MIT tend to study exclusively at the Institute for the next four years. There are, however, many exceptions to this rule. One can take classes at Harvard through cross-registration, and many people attend other universities in the United States for a semester.

In the beginning of October, seven MIT students left for Cambridge, England as part of the pilot exchange program for the joint Cambridge/MIT Institute, or CMI. The main goal of CMI is to use the powers of education present in universities to further the economic status of the United Kingdom. Colleges are very important to the growth and development of business because they are the places at which research and learning occur.

A key part of CMI is the Undergraduate Student Education Program. Part of the program involves exchanging students from the different universities. Because the program is in its infant stages, a pilot program was enacted in which a small group of students from MIT were sent to the University of Cambridge for one semester.

The students attending the program are Linus J. Park '02, Gina Kim '02, Liam R. Bossi '02, Jeremy Cheng '01, Michelle D. Lefebvre '01, Kevin R. Lang '02, and Kristen L. Clements '02. These students are very diverse, and their outlooks on life, whether it be in Cambridge, Massachusetts or Cambridge, England contribute much to the program, opening it for generations of students to attend in the future. The following are first person accounts sent by the students about their time in England so far. Cheng was unable to be reached for comment.

Kevin R. Lang '02

Major: Mechanical Engineering
College: Corpus Christi

The college system here is completely different than U.S. universities — you're a student of the university, but a resident of a college which actually is quite independent of the university. (My college [Corpus Christi] was founded in 1352, so some of our rooms pre-date MIT by a good 500 years or so.)

There's also a great deal of formality you just don't get in the U.S. About once a week I go to "formal hall", when they serve a five-course meal in our super-posh dining hall. You have to wear formal clothes and the college gown (picture a graduation gown). And pretty much every lawn in every courtyard is off limits unless you're a fellow of the college.

The academic approach is very different here, with almost all emphasis placed on final exams, or "papers" as they're called here. There is also a very strong emphasis on lab work for third year engineers, with one major and one minor lab associated with each class in addition to a major group project and two major independent projects at the end of the year.

Socially, Cambridge is completely different from MIT. My college has been great so far in terms of meeting new friends. I'm a "fresher" in many ways, but college life isn't completely new to me so I've been getting on well with the second and third years. "Freshers Week" (their equivalent to Rush but without frats) was great.

The alcohol situation here couldn't be more unlike MIT — the drinking age is 18, so going out to the pub and having a pint is really no big deal. People just laugh when I tell them the great lengths people at MIT go to when it comes to alcohol.

I'm on a crusade to get everyone here to pronounce the word "tomato" correctly. They call pants trousers (pants are underwear), I've nearly been hit by more than a few cars driving on the wrong side of the road, "dodgy" means "sketchy," there are about fifty different kinds of British accents, and steak and kidney pie tastes about as good as it sounds.

Liam Bossi '02

Major: Chemical Engineering
College: King's College

I think the most interesting social experiences that I have had stem from the fact that everyone drinks all the time here. Alcohol is viewed so differently here than at MIT, and the university clubs as well as the administrators and professors give out free drinks all during orientation. Crazy stuff, but it seems like no one is killing themselves here ... maybe MIT should take note.

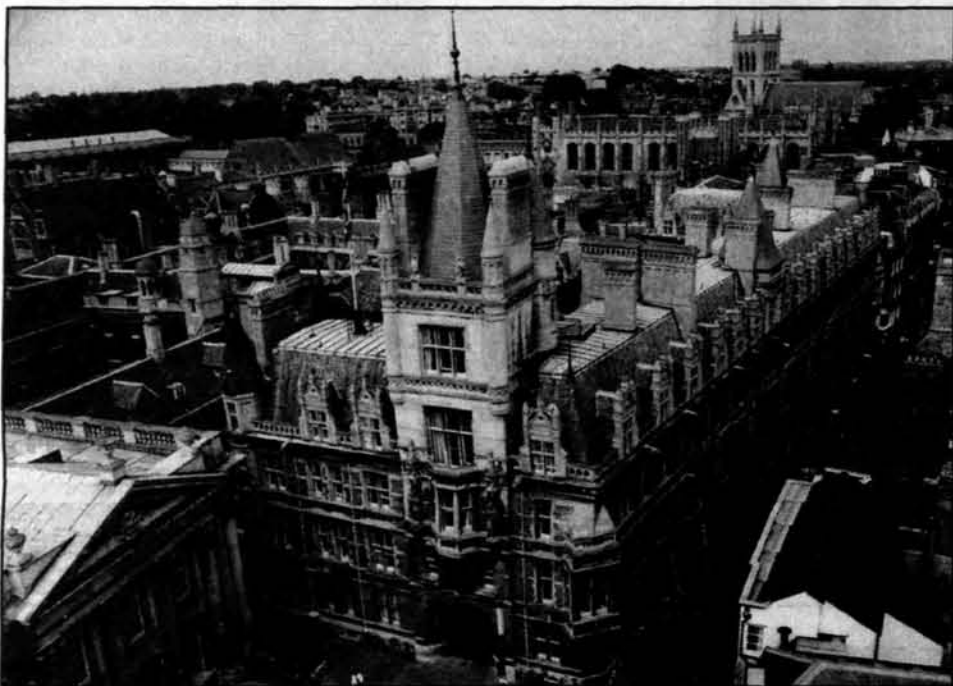
Other than that, I have found it a little formal in some respects (can't walk on the grass,

people wearing gowns, etc.) and yet really informal in others ... a really interesting place!

I'm not really too sure about my classes yet, still settling in. But it is quite odd that we don't have problem sets or tests or anything; they rely a lot more on the students' individual desire to learn the material. So far a lot of stuff is review from courses I took last year, so it has been tough for me to judge the difficulty, although it is fast paced (we only have 8 week terms).

I think the best experiences that I have had so far are playing sports and getting to know the people here that have similar interests in that regard. I am playing on the varsity lacrosse team, which is interesting (people in England don't know too much about lacrosse, so we're pretty terrible even though we're first string varsity!).

I am also playing Ultimate Frisbee for the Cambridge team with Linus, and we just got back from a tournament in London this weekend, which was absolutely great. I played two days of Frisbee, went to a great club in London called "Home," and met some fantastic people from all over the world. That's probably been the best time I have had yet (although turning 21 last Tuesday was pretty close).



Gonville and Caius College, Cambridge University

Kristen L. Clements '02

Major: Mechanical Engineering
College: Queens' College

The best part about being here at Cambridge for me is just being here in Cambridge. I am really enjoying learning about the way that the English do things and say things. I love the accents. I am also learning about the many different names that they call things. Many of the dinners that I go to, I learn another name for some vegetables. They tend to use the French names. And I like the pretty old buildings. Our version of what is old is like brand new to them. And it is amazing to see stone steps that have been around so long that they are all worn down and smooth in the middle.

One obvious custom here is tea. Anytime you go to visit anyone here, they are bound to offer you some tea. I find that in Boston you are more likely offered soda or juice, or nothing at all. I find the English to be very, very friendly and very helpful.

Classes are not too bad. We are about at the same level as the third year engineering students here. There is one class where we have already learned some of the material, but then there is also one class where they have already had some material that we haven't. One thing that I really like about the lectures here is that they hand out a packet of notes for each class. You still have to go to lecture to fill in some of the blanks, but most of the information is already written down for you. This makes it easier for me to listen to the lecture, as I don't have to concentrate on writing down the correct equations.

Basically I like the differences between Cambridge and MIT because it keeps life from always being the same and getting boring.

Michelle D. Lefebvre '01

Major: Materials Sciences and Engineering
College: Selwyn College

Things are great over here in Cambridge. There have been a few things to get used to, but for the most part I've adjusted well. I really like my college, Selwyn. It's known around town for being "the friendly college," and it has definitely lived up to its reputation. I've made friends with the others living on my corridor, even though I'm in the freshers dorm and everyone is a first or second year (I'm the oldest one there!). We go out to formal hall, local pubs, or the college bar pretty often, and I have lunch and dinner in hall every night with my friends. I haven't done too much class work yet, but I'm sure that will start kicking in soon.

I think the hardest thing to adjust to has been remembering to ride my bike on the left side of the road. I bought a used bike (it's 17 years old!) and I ride it around everywhere because Selwyn is just a little outside the city. In the mornings at 9 a.m., when everyone is on their way to lectures, the streets are absolutely crazy. There are more bikes than cars and the traffic is terrible. I still find myself waiting to make left turns every once in a while, but thankfully I've remembered to wait for the right turns every time!

I do miss Boston, and I miss it even more

eties ("with juicy bits" and "without juicy bits"), the way the first question I get after I go to a friend's room is "Would you like a cup of tea?"

So far I have enjoyed my classes. Basically you have lectures in the department (in my case Engineering) and supervisions in your College. Supervisions are like recitations, but much more personal; usually the ratio is one to two or one to three.

We have one huge exam per class at the end of the Lent term, in May. So, lately I haven't been feeling very pushed to study, and it is really hard for me to keep motivated unless I have a goal (i.e. finishing a problem set by Friday). But I'm trying to get into a regular schedule of studying. They do have something like problem sets here; they are called "examples papers." They aren't graded but you are supposed to go over them in your supervisions, so it is embarrassing if you don't have them done. I hope that will be enough for me to keep from procrastinating.

Friday afternoon was absolutely gorgeous, and Linus, Kristen and I went punting. A punt is a long, flat-bottomed boat (think of an flat oversized canoe). One person propels it by pushing off the bottom of the river with a long stick, and everybody else sits on cushions and relaxes. Anyway, we got a punt from St. John's (Linus's college) and punted from John's to Queen's and back on the River Cam. There are many bridges over the river and the scenery is stunning; a lot of the older colleges have lawns that extend to the river, so you have a completely clear view of all their buildings. Also I should mention that Linus (a.k.a. "puntboy") and Kristen (a.k.a. "puntmaster") were particularly good at making us go straight. I, on the other hand, was very good at turning [the boat] involuntarily. Oh well.

Linus J. Park '02

Major: Mechanical Engineering
College: St. John's

Things here in England are pretty different from back home in Boston. I mean, you got your typical stuff — money, lingo, transportation, to all the mundane stuff I wouldn't even have thought about — where to buy groceries, what times the stores close, why the only dishwashing brand is called Fairy. It's been pretty easy to adjust to that kind of stuff, but a lot harder to adjust to being away from home. I really do miss Boston a lot.

I'm sincerely having fun too. The experiences here are definitely new and interesting. The whole attitude on drinking is completely different — not only is the drinking age 18, but most of these guys have been drinking since they were really young. So it's really typical to just go out and hang out at the bars or kick back with a few beers. It's really a part of the culture as far as I can see, but then again it's only been two weeks.

I'm also playing rugby here, and it's a totally awesome sport. I picked it up this summer at MIT, but playing here has just been a lot of the fun, and the team is really amazing.

It's absolutely beautiful here — the architecture is old and gorgeous, and the grass is well kept. It feels like traveling back in time for a bit every time I walk through the gates to get into my college. As for classes, they are the same here as at MIT only we sit on benches instead of desks and have fewer lectures (only two per class per week). The funny thing is that I fall asleep through the same stuff as I do at MIT. But the professors here are good, and they do a good job of teaching. It's going to be difficult though, because there are times when they refer to last year's material, which we obviously haven't covered. One weird thing, other than sitting in what feel like church pews, is that you're not allowed to eat in lecture hall, and it appears that falling asleep is also bad etiquette, so we'll see how that works out.

Other than that, it looks to be a fun term in the program itself; it came together at the beginning of this past summer. I mean, we didn't find out we had been chosen till the end of the school year, and it wasn't even confirmed that we were really going until about the middle of August. And even then, things such as credit transfers, living accommodations, college life, and all that stuff wasn't really explained or taken care of until really late in the fall. It sounds last minute, and in a sense, it was, but it pulled together pretty nicely, and we all have great living accommodations here and classes have started up without a hitch. Whether we're going to survive the classes here is another story.

every time I meet someone who's been, and they tell me how much they loved it, too. I've been keeping in touch with my friends over e-mail, though, so that makes it easier. I'm really having a wonderful time. It's a shame I'm only staying for a term, I would have loved to be here for the whole year. I might have to come back and visit for May Week.

Gina Kim '02

Major: Mechanical Engineering
College: Jesus College

Cambridge is old, and steeped in tradition. The best example I've experienced so far would probably be the Matriculation Dinner, an event which welcomes all newcomers to the University and our respective colleges. All members of the colleges have to wear a black gown over their formal clothes (it looks something like a graduation gown).

Dinner started with the ringing of a bell. Everybody stood, and a prayer was said in Latin. Then the food was served, five courses, on Jesus College china. This included three wines. The main course was Roast Duck with Cherries. About halfway through the meal, the Vice-Master stood up and officially welcomed us to the College, telling us we were members for life.

Being at Cambridge makes me feel that I am part of an unbroken line of scholars. It is hard to imagine getting used to passing through ancient archways to enter into the College, hearing the constant pealing of church bells, and punting along the river Cam. But it is all beginning to become familiar. I was practicing my violin in Jesus' Chapel the other day, and it hit me that I was playing in a building that was constructed in 1022. You begin to take the surroundings for granted. I was expecting a kind of epiphany that I was here, in Cambridge, England, but really it is the little things that catch your attention. The way people pronounce France ("Frahnce"), the way the orange juice comes in two vari-

The Big Race

Foreign Policy

By Maria Wang
STAFF REPORTER

The first question George W. Bush and Al Gore were asked during the second presidential debate dealt with exercising America's superpower status. Bush said that the interests of the United States will determine his foreign policy. Gore responded that the best way for the United States to use its power in the world is by domestic example, e.g., enforcing civil rights laws. The Vice President also said that he plans to maintain our strong military.

When questioned about America's responsibilities to other countries, Governor Bush replied that Third World debt ought to be forgiven under certain circumstances, namely if that country decides to reform itself or pay the debt with valuable rain forest lands. Bush added that the United States should be careful lending money or troops to other nations.

Gore gave a specific response to resolving the Middle East conflict. He wants to stop the fighting by asking Syria to release the three captured Israeli soldiers and urging

Arafat to denounce violence. The Vice President also emphasized the strength of the United States' relationship with Israel.

Bush agreed with Gore's proposals and added that the United States should develop an anti-ballistic missile system to counter threats by Saddam Hussein or anyone else. The Governor also said that it is important to have reliable allies in the Middle East because of the energy crisis. Both candidates want to keep the United States as an "honest broker" (moderator) rather than take sides in the Middle East crisis. They also share the opinion that sanctions should be kept on Iraq and support should be given to groups opposing Saddam Hussein.

On the issue of whether the United States should have intervened militarily in Rwanda in 1994 when 600,000 people died, both candidates agreed that it was the right decision not to place military forces there due to the absence of allies in Africa. Gore added, though, that the humanitarian mission should have arrived earlier.

Both candidates agreed that the International Monetary Fund should reform its practices to ensure that money does not end up in the hands of a few corrupted officials like it did in Russia. Again Gore emphasized that the United States should lead by example; he plans to make America the role model for struggling nations by maintaining our economic prosperity. Bush, on the other hand, said that countries like Russia should make their own economic decisions regardless of what the United States is doing.

On the issue of foreign policy, the two candidates have mostly similar views. Both recognize the obligations that come with being a powerful nation but stop short of allowing the United States to be the "policeman of the world." Bush seems to advocate less military intervention than Gore; he opposes using forces for "nation-building," a concept that became muddled in the debate. Both candidates, though, agreed that the security and interests of American people should be a priority when dealing in foreign affairs.

This Week in MIT History

Naveen Sunkavally
EDITOR IN CHIEF

They Might Be Giants and Reel Big Fish headlined MIT's last Spring Weekend act, and the year before it was Busta Rhymes. This week in 1966, it was announced that James Brown and the Famous Flames would be performing at MIT's Junior Prom Weekend.

The Godfather of Soul performed on Saturday, November 12, 1966 in Du Pont, from 4:00 p.m. to 6:30 p.m. About 1700 people attended the show, which was noted for the "uncontrollable presentation of his most famous songs."

By 1966, Brown had already cemented his influence over the musical world, having made inroads into both black and white audiences in the United States. Mr. Dynamite had already scored such hits as "Good Good Lovin'," "I'll Go Crazy," "Think," "Night Train," and "Out of Sight." Perhaps his most widely recognized song, "I Got You (Feel Good)," was released in January of 1966.

The Junior Prom in 1966 also featured a performance called "The Fantasticks," an off-Broadway production that at the time was in its seventh year. That performance, which occurred before the James Brown performance, attracted about 2900 people. Janet P. Tande, a student from the University of Illinois, was chosen as prom queen, and her "escort" was Thomas Hood '68 of Sigma Phi Epsilon.

The Spring Weekend of 1966 featured none other than the Beach Boys performing on April 30.

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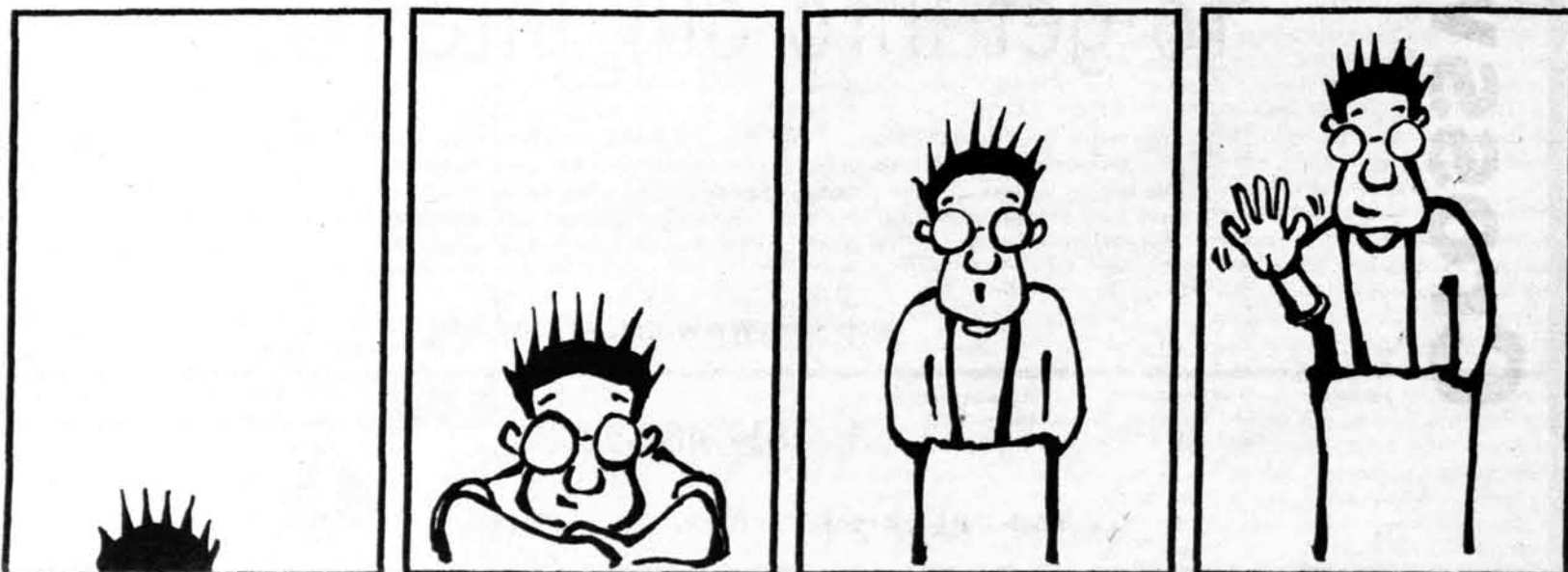


Down with Science

by Jennifer DiMase



the crass rat



END; BY DAVID

David mo @ Oct 17 '00

LAST DATE

ew i can't believe i got dragged into this insanity again?

yea yea ok, so in exactly 7.5 minutes, she will walk thru that door

Like really? its one thing to check religiously when someone logs on & off

-- and she is going 2 sit at... That table

but staying confrontations that is simply crossing the line between std. Athena (aim i get) stalking & tru psycho obsessive stalking

ok look here she comes. u remember wut ur supposed 2 do, right? & ya, don't mess up this time?

Crossword Puzzle

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ACROSS

1 Tableland

5 Internet access device

10 Coagulate

14 Middle East sultanate

15 La Scala production

16 Make over

17 Ancient Scot

18 Fort Sam Houston locale

20 Rigorously

22 Hard blow with a flat object

23 In the past

24 Sci. class

25 Monotony

30 Glossy paint

34 Legal claim

35 Contends

37 Reykjavik cash

38 Coffee container

39 Thorny plants

41 "King" Cole

42 Bind anew

44 Comic Laurel

45 Engrave

46 Antler parts

48 Out-of-date

50 Rand-McNally product

DOWN

1 Cleaning utensils

2 Give off

3 Golden State capital

4 Injected toxin

5 Majority

6 Iridescent gem

7 Refuse to acknowledge

8 Period

9 The Mick

10 Wrecker's tool

11 Al Capp's hyena

12 Like Keats' poetry

13 Swiped

51 N.T. book

52 Narcotic

55 Put on the boob tube

60 Monaco town

62 Arabian gulf

63 Sea eagle

64 Toll of the bell

65 Set up for a drive

66 Untouchable Eliot

67 Emulate Rickey Henderson

68 Long, long time periods

19 Word of gratitude

21 Scam

25 Drink noisily

26 Broadcaster

27 "The Three Faces of "

28 Watches the kids

29 Altercation

31 Capital of Uruguay

32 Pass into law

33 Woodworker's tool

36 Broad, thick piece

39 Nullify

40 Printers' measures

43 Prisoners

45 Raise up

47 Teeny bits

49 Paydirt

52 Sign of things to come

53 Skin hole

54 Hostelryes

55 Forest unit

56 Singer Fitzgerald

57 Loaf about

58 Espied

59 Concludes

61 Social insect

Solution, page 34

A Fun With Clip Art Quiz

TA: Aaron Isaksen

Q: What is this?

(A) Bermuda

(B) Severed Arm

Answer: (A) Bermuda

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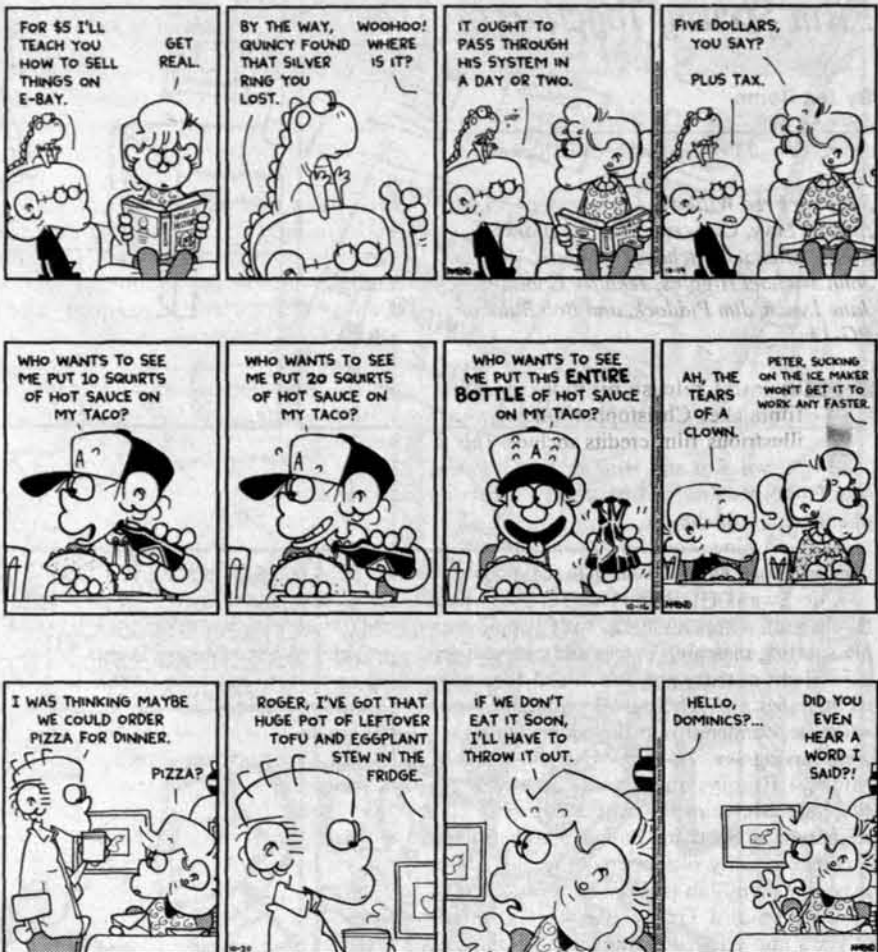
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TechCalendar

Visit and add events to TechCalendar online at <http://events.mit.edu>

Tuesday, October 17

10 a.m. - 12:00 a.m. - **Reflections in Dreamscape II**. Series of pastel paintings by Changhui Yang (G), based on a painting trip to Lyme Regis, a small sea town on the south coast of England. free. Room: Wiesner Student Art Gallery (2nd floor Student Ctr). Sponsor: Campus Activities Complex.
9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold**. A series of images using multiple print processes to explore issues of women's individuality and sameness. free. Room: Rm E52-466. Sponsor: Sloan School of Management.
9:00 a.m. - 5:00 p.m. - **Peace Through Humor: Visions of Peace from the Hands of Children**. Exhibition of paintings, hosted by MIT Hillel. Curated by Maureen Kushner. free. Room: W11, Religious Activities Ctr, 40 Amherst St. Sponsor: Hillel, MIT.
10:00 a.m. - 5:00 p.m. - **Flashes of Inspiration: The Work of Harold Edgerton**. An interactive exhibition celebrating the life and work of MIT legend Harold. \$5; \$2 students/seniors; \$1 children 5-18; free with MIT ID. Room: MIT Museum, N52 2nd floor. Sponsor: MIT Museum.
12:00 p.m. - 1:00 p.m. - **FileMaker Quick Start**. This session introduces database terms, shows how to create a simple database, and covers the six modes of FileMaker Pro. free. Room: N42 Demo Center. Sponsor: Information Systems.
12:00 p.m. - 2:00 p.m. - **God, Waterwheels, and Molecules: Saint-Venant's Anticipation of the Energy Principle**. Dibrer Institute Luncheon Colloquium. free. Room: E56-100. Sponsor: Dibrer Institute.
12:00 p.m. - 1:00 p.m. - **Quantum Control and Quantum Logic in Optical Lattices**. free. Room: Marlar Lounge 37-252. Sponsor: Research Lab of Electronics, Spectroscopy Laboratory, Rowland Institute for Science.
2:30 p.m. - 3:30 p.m. - **Morphological Instabilities on Surfaces of Voids in Metallic Thin Films**. Refreshments will be served at 3:45 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Physical Mathematics Seminar, Department of Mathematics.
3:00 p.m. - 4:00 p.m. - **Treasurer Training**. Are you a Treasurer for an organization on campus? Do you know how to maintain a balanced budget? Come learn more about the Financial Services available to you through the Student Activities Finance Office! free. Room: 4-237. Sponsor: Student Activities Staff.
3:00 p.m. - 5:00 p.m. - **Europa: Water, water everywhere?**. An overview of the evidence collected by the Galileo mission for an ocean on Europa, followed by a discussion of future plans for a Europa Orbiter, and what instrumentation is being investigated to resolve the mystery. free. Room: W20 Room 491. Sponsor: Ocean Engineering.
4:00 p.m. - 5:00 p.m. - **New Methods for constructing Monte Carlo Markov Chains**. Refreshments will be served at 3:30 PM in room 2-349. free. Room: Room 2-338. Sponsor: Statistics Seminar, Department of Mathematics.
4:00 p.m. - 5:00 p.m. - **LIDS Colloquium**. Abstract: TBA. free. Room: Laboratory for Information and Decision Systems, room 35-225. Sponsor: LIDS Colloquium.
4:00 p.m. - 5:00 p.m. - **Some Open Problems in Adhesion**. free. Room: Room 3-133. Sponsor: Fluid Mechanics Seminars.
4:00 p.m. - 5:00 p.m. - **Electronic "Pick and Place" Technology for Molecular Electronics**. MTL VLSI Seminar Series. free. Room: 34-101 (Refreshments at 3:30). Sponsor: MTL VLSI Seminar.
4:00 p.m. - 5:00 p.m. - **Fluid Buckling**. free. Room: Room 3-133. Sponsor: Fluid Mechanics Seminars.
4:30 p.m. - 6:00 p.m. - **Lecture 3a: "The functor $S_a \rightarrow K(a)$ for C^* algebra S_a ; Bott periodicity."**. free. Room: Room 4-231 at M.I.T. Sponsor: Harvard-MIT Mathematical Physics Seminar.
5:00 p.m. - 6:30 p.m. - **"Sleeping with Mr. Collins: The Eighteenth-Century Invention of Sexual Disgust"**. free. Room: 14N-304. Sponsor: History Office, Literature Section, SHSS.
6:00 p.m. - 10:00 a.m. - **Tech Songs, 1903**. Institute Archives and Special Collections: Object of the Month illustrates how MIT students of 100 years ago found a common bond and an outlet for frustration in songs about undergraduate life. free. Room: Half-way exhibit case across from Rm 14N-118. Sponsor: Institute Archives and Special Collections.
6:30 p.m. - **Non Sequiturs: Architecture and Technology**. Architecture lecture by the recipients recipients of a MacArthur Foundation Award, the first given in the field of architecture. They have also recently received the MacDermott Award for Creative Achievement from MIT. free. Room: Rm 10-250. Sponsor: Department of Architecture.
7:00 p.m. - **Women's Volleyball vs. US Coast Guard Academy**. free. Room: du Pont Gymnasium. Sponsor: Department of Athletics.
8:00 p.m. - **Richard Preston reads from his latest work The Cobra Event, A Case Study in Biological Terrorism**. Preston has also written The Hot Zone (about the Ebola virus), American Steel (about the Nucor Corporation's project to build a revolutionary steel mill), and First Light (about modern astronomy) and is contributor to The New Yorker. He has won numerous awards, including the McDermott Award in the Arts from MIT, the American Institute of Physics Award in science writing, and the Overseas Press Club of America Whitman Basso Award for reporting in any medium on environmental issues. free. Room: Wong Auditorium. Sponsor: Program in Writing and Humanistic Studies and Whitehead Institute.

Wednesday, October 18

01 a.m. - 10:00 a.m. - **Reflections in Dreamscape II**. Series of pastel paintings by Changhui Yang (G), based on a painting trip to Lyme Regis, a small sea town on the south coast of England. free. Room: Wiesner Student Art Gallery (2nd floor Student Ctr). Sponsor: Campus Activities Complex.
7:30 a.m. - 5:00 p.m. - **MIT 2000 Information Technology Conference (Day One)**. The 3rd Annual Information Technology Conference will bring together MIT researchers and industry experts to discuss key themes in convergence and pervasive computing, with an emphasis on the infrastructure of data/video/voice communication; Internet appliances and applications; and the future of hand-held devices. \$1,450.00. Room: Kresge Auditorium. Sponsor: Office of Corporate Relations/ILP.
9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold**. A series of images using multiple print processes to explore issues of women's individuality and sameness. free. Room: Rm E52-466. Sponsor: Sloan School of Management.
9:00 a.m. - 5:00 p.m. - **Peace Through Humor: Visions of Peace from the Hands of Children**. Exhibition of paintings, hosted by MIT Hillel. Curated by Maureen Kushner. free. Room: W11, Religious Activities Ctr, 40 Amherst St. Sponsor: Hillel, MIT.
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11:00 a.m. - 1:00 p.m. - **Next Generation Carbon Nanotubes - Structures, Fabrication and Electro-Opto-Mechano Responses**. free. Room: 34-401A, Grier Room. Sponsor: Optics.
12:00 p.m. - 1:00 p.m. - **Web at MIT Quick Start**. Learn how to explore the Web using Netscape, and get an introduction to the Web at MIT. free. Room: N42 Demo Center. Sponsor: Information Systems.
12:00 p.m. - 1:30 p.m. - **Updating Realism in Response to the End of the Cold War**. free. Room: E38-615. Sponsor: Security Studies Program.
12:10 p.m. - 1:10 p.m. - **Decadal Oceanic Response to Stochastic Wind Forcing**. Paola Cessi - Scripps Institution of Oceanography. free. Room: 54-915. Sponsor: Physical Oceanography.
2:15 p.m. - 5:30 p.m. - **spouses&partners@mit - Fall Foliage Tour**. A park ranger will guide us through the Arnold Arboretum in Jamaica Plain. We learn about the history and the trees of the park as well as admire the beautiful fall colors! To learn more about the Arboretum, go to <http://www.arboretum.harvard.edu/Meet> in front of the MIT Coop in Kendall Square at 2:15 P.M. We will take the T (\$1 - one way) to the Forest Hills Station on the Orange Line and walk to the park. free. Room: Meet in front

TechCalendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the TechCalendar web page.

of the MIT Coop in Kendall Square. Sponsor: spouses&partners@mit, MIT Medical.
3:00 p.m. - 4:30 p.m. - **Weekly Practice Session for Oral Presentations**. Practice oral presentations and get professional feedback from Dr. Steven Strang, director of MIT's Writing and Communication Center. free. Room: 14N-325. Sponsor: Writing and Communication Center.
3:30 p.m. - 5:00 p.m. - **Faculty Meeting**. Meeting of the MIT Faculty. free. Room: 10-250. Sponsor: Faculty Chair.
4:00 p.m. - **Men's Soccer vs. Babson College**. free. Room: Steinbrenner. Sponsor: Department of Athletics.
4:00 p.m. - 4:50 p.m. - **Communicating For A Better Grade**. Learn the best ways to communicate with your instructors. free. Room: 3-343. Sponsor: Academic Resource Center.
4:00 p.m. - 5:00 p.m. - **Nanostructures Seminar Series**. "Nanostructures Processing of Advanced Catalysts". free. Room: 34-401A (Refreshments served at 3:30 pm). Sponsor: Nanostructures Laboratory.
4:00 p.m. - 5:00 p.m. - **Fast Integral Equation Solvers for Transient Wave Phenomena**. free. Room: MIT Room 1-190. Sponsor: Singapore-MIT Alliance/HPCEs.
4:15 p.m. - 5:15 p.m. - **Somos Sequences and Bilinear Combinatorics**. Refreshments will be served at 3:30 PM in room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar, Department of Mathematics.
6:00 p.m. - 10:00 a.m. - **Tech Songs, 1903**. Institute Archives and Special Collections: Object of the Month illustrates how MIT students of 100 years ago found a common bond and an outlet for frustration in songs about undergraduate life. free. Room: Half-way exhibit case across from Rm 14N-118. Sponsor: Institute Archives and Special Collections.
6:30 p.m. - 7:15 p.m. - **MITGard Weekly Meeting**. free. Room: Student Center, PDR#3. Sponsor: Society for Creative Anachronism.
6:30 p.m. - 8:00 p.m. - **MIT India Program Introduction**. The MIT India Program sends MIT students, undergraduate and grad., to India for internships. All expenses paid. Come find out more about this opportunity: hear from past interns, see pictures, ask questions. This summer, some interns taught HTML to highschoolers in two cities; others worked at companies such as Infosys and Godrej. free. Room: Student Center: West Lounge. Sponsor: MIT India Program.
8:00 p.m. - 10:00 p.m. - **Open Mic Night**. Bring music, poetry or prose, or just come and be entertained! Signups start at 7:50pm. First come, first served! An accompanist and keyboard will be available. free. Room: The Coffeehouse, Third Floor Stratton Student Center. Sponsor: CAC Program Board, Songwriting Club.
8:00 p.m. - 10:00 p.m. - **International Film Club Film Seminar**. Consult our web page for this weeks title: <http://web.mit.edu/ifilm/www>. free. Room: 4-237. Sponsor: Graduate Student Council, International Film Club.

Thursday, October 19

01 a.m. - 10:00 a.m. - **Reflections in Dreamscape II**. Series of pastel paintings by Changhui Yang (G), based on a painting trip to Lyme Regis, a small sea town on the south coast of England. free. Room: Wiesner Student Art Gallery (2nd floor Student Ctr). Sponsor: Campus Activities Complex.
7:30 a.m. - 12:00 p.m. - **MIT 2000 Information Technology Conference (Day Two)**. The 3rd Annual Information Technology Conference will bring together MIT researchers and industry experts to discuss key themes in convergence and pervasive computing, with an emphasis on the infrastructure of data/video/voice communication; Internet appliances and applications; and the future of hand-held devices. \$1,450.00. Room: Kresge Auditorium. Sponsor: Office of Corporate Relations/ILP.
9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold**. A series of images using multiple print processes to explore issues of women's individuality and sameness. free. Room: Rm E52-466. Sponsor: Sloan School of Management.
9:00 a.m. - 5:00 p.m. - **Peace Through Humor: Visions of Peace from the Hands of Children**. Exhibition of paintings, hosted by MIT Hillel. Curated by Maureen Kushner. free. Room: W11, Religious Activities Ctr, 40 Amherst St. Sponsor: Hillel, MIT.
10:00 a.m. - 5:00 p.m. - **Flashes of Inspiration: The Work of Harold Edgerton**. An interactive exhibition celebrating the life and work of MIT legend Harold. \$5; \$2 students/seniors; \$1 children 5-18; free with MIT ID. Room: MIT Museum, N52 2nd floor. Sponsor: MIT Museum.
12:00 p.m. - **Noon Chapel Concert. Liber UnUsualis**. Melanie Germond, soprano; Carolann Buff, mezzo-soprano; William Hudson, tenor. free. Room: MIT Chapel. Sponsor: Music Section.
12:00 p.m. - 1:00 p.m. - **Eudora Quick Start**. This session shows how to configure Eudora, create messages and address lists, send and receive attachments, and sort incoming e-mail. free. Room: N42 Demo Center. Sponsor: Information Systems.
2:30 p.m. - 3:30 p.m. - **Particle Clouds**. John Bush, MIT, Dept. of Mathematics. free. Room: 54-915. Sponsor: Physical Oceanography.
3:00 p.m. - 5:00 p.m. - **Experiences in Interactive Expression**. Open discussion by visiting artists highlighting the history of interactive digital art & contemporary issues in the field. free. Room: Rm N52-390. Sponsor: Center for Advanced Visual Studies.
4:00 p.m. - 5:30 p.m. - **Geotechnical Engineering at the dawn of the Third Millennium**. free. Room: 66-110. Sponsor: Engineering & Environmental Mechanics Group.
4:00 p.m. - 5:00 p.m. - **TBA**. free. Room: Rm 54-915. Sponsor: MIT Atmospheric Science Seminars.
4:00 p.m. - 6:00 p.m. - **T. Francis Ogilvie Young Investigator Lectureship in Ocean Engineering**. How Fish Swim: Functional Insights from Experimental Wake Visualization. free. Room: MIT Faculty Club Dining Room East. Sponsor: Ocean Engineering.
4:15 p.m. - 5:15 p.m. - **Stochastic Optimization on Computational Grids**. Refreshments to follow in E40-106. free. Room: E51-361. Sponsor: Operations Research Center.
5:00 p.m. - 6:30 p.m. - **Gallery Talk/Tour—Peace Through Humor: Visions of Peace from the Hands of Children**. Curator Maureen Kushner leads the tour and discussion of this exhibition of paintings hosted by MIT Hillel. free. Room: W11, Religious Activities Ctr. Sponsor: Hillel, MIT.
5:00 p.m. - 7:00 p.m. - **New Media and the Elections**. This Forum will discuss the 2000 presidential election and the media. What are the underlying dynamics of the election, and how has the race unfolded? Who is likely to win and why? How have political communications — through traditional media such as television and new media such as the Internet — shaped the 2000 election? What innovations in electoral politics and political communications have come about through the Internet? How does the American political experience with new media compare with that of other countries? free. Room: Bartos Theater. Sponsor: Communications Forum.
6:00 p.m. - 10:00 a.m. - **Tech Songs, 1903**. Institute Archives and Special Collections: Object of the Month illustrates how MIT students of 100 years ago found a common bond and an outlet for frustration in songs about undergraduate life. free. Room: Half-way exhibit case across from Rm 14N-118. Sponsor: Institute Archives and Special Collections.
7:00 p.m. - 9:00 p.m. - **BLIND MAN'S BLUFF**. A family drama set in Lisbon's old quarter of Alfama. The story is centered around a black box where an old beggar keeps his savings. The mysterious disappearance of the box leads the female leading character into an epiphany. Directed by Manoel de Oliveira. With Luis Miguel Cintra, Beatriz Batarda, Diogo Doria and Isabel Ruth. free. Room: 10-250. Sponsor: Portuguese Student Association, International Film Club. Minda de Gunzburg Center for European Studies, Harvard University.
8:00 p.m. - 10:00 p.m. - **Poetry Reading with Professor John Hildebidle**. This event is the latest installment in the weekly Thursday Night Coffeehouse series. Take a study break and check out the newly renovated Coffeehouse! free. Room: The Coffeehouse, Third Floor Stratton Student Center. Sponsor: CAC Program Board.

THE ARTS

FILM REVIEW ★★

Best in Show

Film Strung Together on Thirty Seconds of Good Jokes

By Jed Home

STAFF WRITER

Directed and Co-written by Christopher Guest

Starring Fred Willard, Christopher Guest, Eugene Levy, Catherine O'Hara, Parker Posey, Michael Hitchcock, Michael McKean, John Michael Higgins, Jennifer Coolidge, Jane Lynch, Jim Piddock, and Bob Balaban. PG-13

The latest release by mockumentary filmmaker Christopher Guest, whose illustrious film credits include *This Is Spinal Tap* and *Waiting for Guffman*, spoofs the peculiar and peculiarly American phenomenon of the dog show. *Best in Show* focuses on nine would-be blue-ribbon winners, each one more absurd than the next.

The Swans (Parker Posey and Michael Hitchcock), a hopelessly neurotic yuppie couple sporting matching braces and over-the-top L.L. Bean outfits, are convinced that their weimarner's psychological problems began when he wandered into the room while they were having sex. *The Opposite of Sex's* John Michael Higgins and *This Is Spinal Tap's* Michael McKean work the requisite gay stereotype as Scott and Stefan, and their flamboyance is only outdone by the hair styles they give their Shih-tsu Agnes.

Cookie and Gerry Fleck (Catherine O'Hara and co-writer Eugene Levy) are an absurdly dumpy suburban couple who have written an entire record's worth of out-of-tune songs about their terrier, Winky. Harlan Pepper, played by Guest, is a redneck from Pinenut, North Carolina, with a gift for ventriloquism and a passion for his bloodhound, Hubert. The show's previous winner, an anemic-looking poodle named Rhapsody in White, is owned by the shamelessly gold-digging Anna Nicole Smith wannabe Sherri Ann Cabot (Jennifer Coolidge), who used her good looks to build a kennel and hire Anne Heche look-alike Christy (Jane Lynch) as Rhapsody's handler.

As each of the contestants prepares and enters into Philadelphia's Mayflower Dog Show, their hang-ups, neuroses, and just good old-fashioned weirdness are played out in scenes that vary from ecstatically hilarious to excruciatingly uncomfortable. Despite all the stereotypes, Scott and Stefan's parading is really funny, as is the running joke about Cookie Fleck's checkered past. The only characters in the movie weirder than the contestants are Cookie's ex-boyfriends (who number in the hundreds). And while Ann Cabot's romantic tirade with Christy provides another sublime moment of humor, Christy herself is more sad than humorous. It's easy to make fun of crazy characters, but nearly impossible to laugh at psychologically damaged ones, and Christy's sick obsession with winning is so pitiable and completely lacking in humor that you almost feel dirty watching it. Ditto for the Swans — what they represent in society is so deserving of ridicule that you almost can't laugh at it.

Mean-spiritedness, the defining characteristic of the contestants' world view, provides a few good yuks (particularly entertaining is Meg's mental breakdown after losing her dog's squeeze toy), but is somehow unsatisfying. Partly this is the fault of the acting, but making someone care about characters designed to be hated is something that even gifted actors rarely accomplish.

The problem is that, short of a few really good sight gags, *Best in Show* fails to pick up on what makes real documentaries (and a few good fake ones, like *This Is*

Spinal Tap) really good — a sense of empathy. Campiness and social commentary rarely work unless they are accompanied by some sort of human interest. Fenton Bailey's equally caustic and equally campy *The Eyes of Tammy Faye*, released earlier this year, provides a prime example: even though the film's subject was one of the most laughably absurd (and scary) characters in post-Christian-revival America, Tammy came across as a real human being, something that only a very few of the perhaps too-many characters in *Best in Show* can do well. Gerry Fleck is the

only exception: his sad dignity in the face of an adulterous wife, a peculiar physical deformity and all-around geekiness make him a real, even if not necessarily likeable, character. Gerry's very human performance perhaps explains the film's otherwise unexplainable conclusion.

The most unforgivable error Guest makes, however, is in the movie's marketing. Even though it doesn't have any big-name stars or flashy explosions, *Best in Show* is guilty of one of the most onerous offenses of bad action flicks: it gives away its best scenes during the film's trailer. What's left after the jokes that everyone's already seen is a series of unrelated and mostly offensively stereotypical scenes involving characters that are hard to care about. It is the theatrical equivalent of calling people names. It is too bad that Guest, given his considerable resumé and a great setup for a film, can't grow up enough to intelligently poke fun at a decidedly deserving subject.



Christopher Guest is Harlan Pepper, a fly-fishing shop owner from Pine Nut, North Carolina, who hopes that his Bloodhound, Hubert, may be the first of his kind to win top prize at the dog show in *Best in Show*.

ALBUM REVIEW

Future Bible Heroes: I'm Lonely (EP)

A Good Thing

By Fred Choi

ASSOCIATE ARTS EDITOR

One can only imagine what a collaboration of musicians and writers of the past might have produced. What if Puccini and Eugene O'Neill had worked on an opera together? What would a collection of songs by Allen Ginsberg and John Lennon have sounded like? Or a musical by Shirley Jackson and Rodgers and Hammerstein?

The Future Bible Heroes is a group that provides glimpses at the creative possibilities of such blatantly counter-intuitive combinations. FBH is comprised of Chris Ewen, deejay at ManRay and founding member of the 80s band Figures on a Beach (their cover of "You Ain't Seen Nothing Yet" is still a staple at 80's dance parties nationwide), who provides the music to the idiosyncratic lyrics of Stephin Merritt, of The Magnetic Fields fame. It is a testament to the creativity of both Ewen, firmly entrenched in a world of glitter and gyrating bodies, and Merritt, just as firmly entrenched in a world of morose indie rock snobs and rebellious coffeehouse workers, that a collaboration like FBH even came about.

I'm Lonely is an instantly likeable disc. Although the disc is an EP, the five songs still manage to cover a wide terrain. There is music for dancing naked around your kitchen while you're waiting for the microwave to finish warming up your leftover Hsin Hsin, songs to listen to at four in the morning after a bad argument with your boyfriend, as well as a sponge cake recipe for ruining your diet which you actually already cheated on a week ago.

The general map of the EP travels the shape of an inverted parabola in that the songs progress from mostly careless and sunny to the depths of despair and then back up again to end on an angsty but sweet note. The first

track, "I'm Lonely (And I Love It)" immediately grabs the listener by the ears with its mouth-watering textures, Merritt's throaty vocals, and angelic backing vocals. Merritt's lyrics are about the narrator's breakup and his sudden delight in realizing the freedom it provides: "I'm ... wearing all the clothes you hate and going back to blond ... It's time to buy the records you would never let me buy." The song ends with the humorous conclusion: "If that's how it feels to get your heart broken / Break my heart again!"

As with the majority of the lyrics contributed by Merritt, the viewpoint is often lighthearted. However, there is also an undercurrent of seriousness which is effective and at times wrenching. Here as in the other tracks, Ewen's music concentrates on the seeming carelessness of the narrator, contrasting to great effect with the brave self-illusionment the lyrics imply. "Hopeless," a remix of a track from FBH's more laid-back but similarly tuneful and thought-provoking debut album, *Memories of Love*, also demonstrates this contrast. In this song, Ewen sets Merritt's disillusioned lyric to an upbeat, melodic tune.

The Spanish-flavored "My Blue Hawaii" is the campiest song of the five. Merritt's languid vocals fit

well with the Hawaiian theme and contrasts well with Ewen's highly danceable beats. "Hawaii," even though it is mostly frivolous, still has undercurrents of seriousness. The song highlights the narrator's longing for a paradise, with insistent zooming airplane sounds serving as a brilliant touch to remind the listener of how unreachable and distant that paradise is.

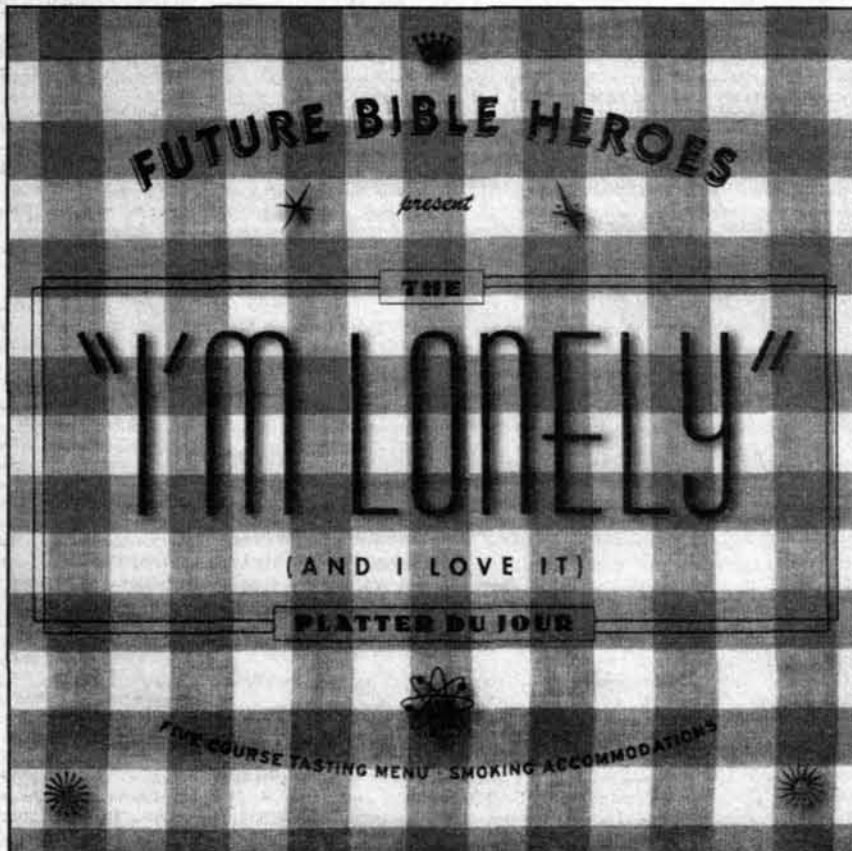
"Café Hong Kong" is a stand-out track in which the winning mixture of pathos and humor of FBH is most apparent. In the first

verse the narrator (wonderfully vocalized by the distinctive Claudia Gonson, drummer and keyboard player of The Magnetic Fields) informs her lover via a letter that she "had to use [his] handkerchief as a tourniquet. It's blood-stained now and torn." In each of the two succeeding verses the tone grows more serious and more desperate with "A grenade got me so I'm blind," and finally "Some complications, and I'm dying," interspersed with pleas and promises to be eternally faithful. The words are accompanied by a delicate, lilting accompaniment and the song as a whole is simply fantastic.

In "Good Thing I Don't Have Any Feelings" Ewen avoids the surface frivolity of the other songs and instead brings out the pain and cynicism of the lyrics. Although the music is still danceable, it does not detract from poignant lines such as, "You said 'I hate you, I hate you, I hate you,'" which are jabs to the gut which just work. This and the other tracks exhibit a stronger Erasure influence (in particular of the great *I Say I Say I Say* era) than FBH's album, but Ewen tends to produce lighter sounds and denser textures.

Future Bible Heroes is certainly music of the future. It's music to dance to, but also to think to and, sometimes, to cry to. It will certainly be interesting to see what the future album of the Future Bible Heroes (due in 2001) will hold.

Chris Ewen spins at ManRay in Cambridge four nights a week. Stephin Merritt and The Magnetic Fields will be performing all 69 Love Songs at the Somerville Theater Dec. 7 and Dec. 8. Tickets are \$20-\$38 and are available through Ticketmaster (617-931-2000).



ALBUM REVIEW

Stephen Sondheim

The Stephen Sondheim Album

By Seth Bisen-Hersh

STAFF WRITER

Performances by various artists (including Liz Callaway, Lea DeLaria, and Ruthie Henshall)

Produced by Bruce Kimmel

Conducted by Todd Ellison

Orchestrations by David Siegal

Available at:

<<http://www.fynsworthalley.com>>

Every time a new compilation of Stephen Sondheim's comes out, I get very excited. Maybe it's insanely obsessive to have six versions of some songs, but I don't care. For those of you who aren't tuned into the Broadway musical scene, Stephen Sondheim is a living legend. He has written the music and lyrics for eleven musicals that made it to Broadway, as well as other musicals that have achieved cult status without ever having played the Great White Way.

The new Sondheim compilation, entitled *The Stephen Sondheim Album*, is the second in the series dedicated to capturing highlights of a composer's career on one CD. I absolutely adore the first one, *The Stephen Schwartz Album*, and absolutely adore this one too. The thing that makes this series so great is the fact that some of the best singers on Broadway perform on it. Now obviously they cannot get Bernadette Peters or Barbara Streisand to do a number, but the people that contribute are unarguably very talented. The other amazing thing about this series is the full orchestrations. Every song comes spectacularly alive!

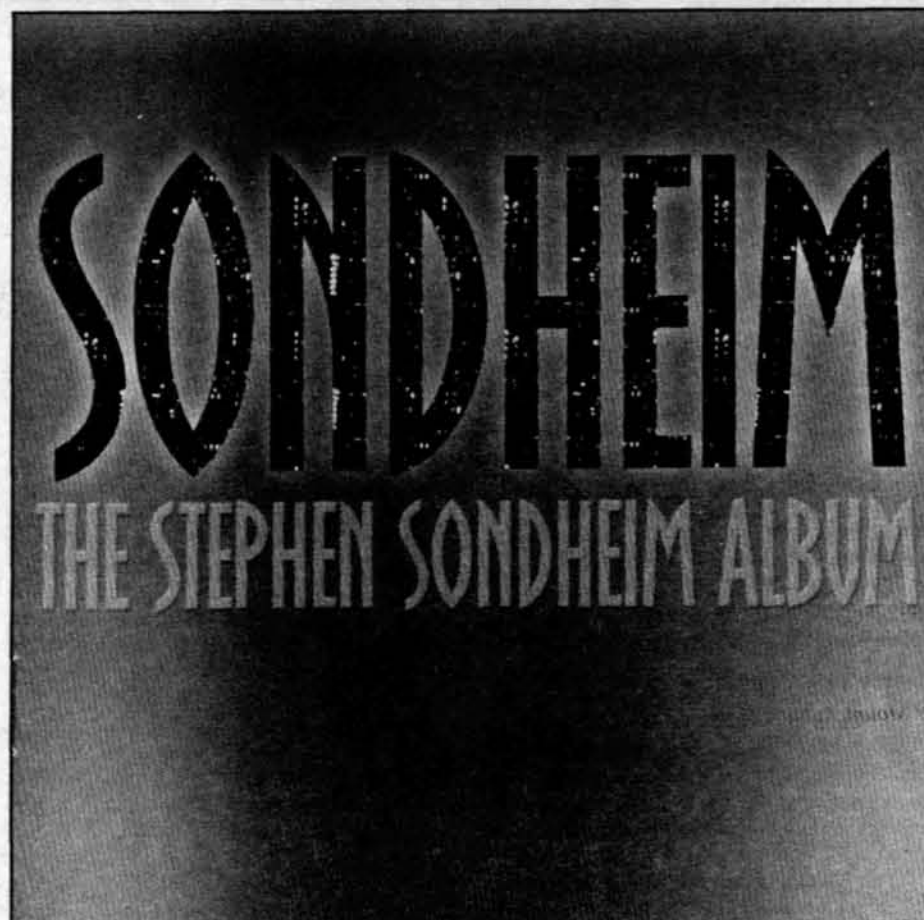
This new album includes mostly music that Sondheim wrote in the 1970s. There are many songs from *Anyone Can Whistle*, *Follies*, and *Company*, which were Sondheim's first three musicals after the successful farce, *A Funny Thing Happened on the Way to the*

Forum. Also, two songs from *Saturday Night*, the musical Sondheim wrote in the 1950s which never got produced until recently, are featured. Finally, two numbers from *Into the Woods* and one from *Merrily We Roll Along* are thrown in for good measure.

The highlights of the album are the three songs that have never been recorded before. The first one is a song cut from *Follies*, "It Wasn't Meant to Happen," sung by the wonderful Michele Pawk (who is currently in *Seussical*). Next is "Who Could Be Blue?" also cut from *Follies* and sung by the amazing Norm Lewis (*Side Show*). Finally, the last one is from the show Sondheim wrote during college, *All That Glitters*. And the special bonus track (only available if you order from the website) "I Must Be Dreaming" is beautifully sung by Emily Skinner (*Side Show*).

Another highlight is Alice Ripley's (*Side Show*) amazing rendition of "Another Hundred People" from *Company*; I think that this is the best recording of the song available. Also, Brian D'Arcy James's (*Titanic*) rendition of "Giants in the Sky" from *Into the Woods* is very well done. His voice quality is quite impressive. I also love the renditions of the two songs from *Saturday Night* and Dorothy Loudon's rendition of "I'm Still Here" (*Follies*). The final highlight is the outrageous version of "Losing My Mind" (*Follies*) performed by Dame Edna, the international superstar (who will be performing in Boston in the spring). For those of you who don't know, Dame Edna is actually Australian Barry Humphries in drag. He/she provides hilarious commentary during the instrumental parts of the song, and she even screeches a few of the sung notes. It is definitely the most entertaining track on the CD.

There are a few disappointments with the



new album, however. Although the orchestrations are consistently amazing, some of the singers do not live up to the par of the others. For instance, Jane Krakowski's (*Ally McBeal*) rendition of "Anyone Can Whistle" (*Anyone Can Whistle*) is cute, but not great. Compared to Bernadette Peters' version, it is quite mundane and mediocre. Furthermore, Guy Haines's (not famous for anything) version of "Sorry/Grateful" (*Company*) is purely boring. This is one of my favorite songs from *Company*, and I was very, very unimpressed with Guy's average tone. Finally, although she has a really pretty voice, Christiane Noll cannot hope to compare to Bernadette Peters on "Not a Day Goes By"

(*Merrily We Roll Along*) which is my favorite of all the songs Peters has ever sung.

Overall though, I was very happy with the album. The great singers and great performances of most of the tracks make it fairly easy to overlook the few banal ones. The performances will not upset anyone who has not heard the better versions of Sondheim's songs. This is the perfect collection for anyone itching to learn more about musical theatre. It is also perfect for any die-hard Sondheim fan out there who is itching to listen to Sondheim's more obscure material. I look forward to the next album in the series with great anticipation.

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FOOD REVIEW

Cheap Eats

Harvard "Square Meals"

By Eun Lee
STAFF WRITER

It's a typical afternoon. You're done with classes and starving, but you're not in the mood for Lobdell or eating out of the back of a truck by the side of the road. As you contemplate where to find suitable sustenance purchasable by the few crumpled dollars in your pocket, a bus going to Harvard Square passes by. As much as you think you might know about Harvard Square food, chances are you'd still be surprised by how much it has to offer. Tucked away from the loud noises and flashing signs, here are some restaurants that are hidden treasures of Harvard Square.

Tommy's House of Pizza

49 Mount Auburn Street
<<http://www.thop.com>>
(617) 497-4849

Tommy's is the ideal restaurant for any college student. It has a nice, casual atmosphere where you are free to hang out with a group of friends after a hard week of classes and just relax and have fun. They offer a wide range of menu items including huge subs (\$3.95-\$4.75), burgers (1/4 lb. served with fries, \$4.50), pasta (\$5.25-\$6.95), calzones, and salads, but they are world famous for their pizza. Tommy's pizza is unique because it comes with its yummy trademark sesame seed crust (you can also order pizzas without sesame seeds).

Tommy's offers a wide range of toppings ranging from the typical (Italian sausage, pepperoni, etc.) to the unusual (homemade meatballs, pineapple, broccoli). The prices range from \$6.50 for a 12" medium pizza (toppings are \$0.75 extra) to \$11.95 for a

party size 18" pan. They also sell by the slice.

Tommy's provides free delivery and are open until 3 a.m.

The Skewers

92 Mount Auburn St
(617) 491-3079

The Skewers is a Middle Eastern restaurant, but even if you are not all that into ethnic foods, it's still some good eatin'. They offer take-out service and also have vegetarian-friendly meals that contain no meats or animal fats. The prices for entrées range from \$2.95 to \$6.50 and can be ordered as sandwiches (served with lettuce, tomato, and onion in Synan bread) or dinner combinations (served with rice pilaf and Greek salad). If you're going out to eat with a friend and feel famished after problem sets, I would recommend the Maza Plate for 2, which is \$13 and comes with shwarma (gyros), beef shish kabob, hummus, baba ganoush, falafel, rice, and a salad. If you are not that hungry, though, you can get large Greek salads served with wedges of pita bread for \$3.25 or try any of their other entrées. If you have room after dinner and feel like a treat to take back home, try their delicious baklava (\$1.25).

L.A. Burdick Chocolates Cafe

52 Brattle St.
(617) 491-4340

Okay, so maybe you're not hungry. You just want somewhere quiet and nice where you can just feel completely comfortable and get away from your worries. Whether you're looking for a place to warm up from

the cold or a nice place to chat with friends, Burdick Chocolates is the place to go! This quaint coffeehouse beats Starbucks hands down in all aspects.

Burdick's specializes in freshly making their own chocolates, which they also use in their desserts and hot drinks. They offer a wide variety of teas, coffee, and cold drinks which range in price from \$1.75 to \$4. I would strongly recommend the white chocolate espresso (\$4.00), which comes in a heaping mug and makes you feel all warm and squishy inside. If you feel like giving yourself a treat, try Burdick's specialty dessert, the Elderberry flower parfait with apricot and raspberry, or any of their other divine dessert items (trust me, they are all wonderful). They also sell their chocolates at \$41 per pound (approximately 70 pieces), and have items that would be great gift ideas for a special occasion. Something to try while you're there: the chocolate mice that are just too cute to eat!

Pho Pasteur

35 Dunster St.
(617) 864-4199

Don't let the name or the fact that you've never tried Vietnamese food before throw you off. My sister always used to say "Don't be a food-phobe," and going out to try food you've never tried before can be a satisfying experience if you do it with the right mindset.

Pho Pasteur is a nice Vietnamese restaurant located in The Garage in Harvard Square (there is also another location in Chinatown). They offer take-out, but I would recommend eating at the restaurant to get the full Pho experience. As you're sitting there, admire the neat lights that look like night caps and try to make sense of the chopsticks while trying the variety of sauces on the table. The atmosphere is cozy enough that you can go with a bunch of friends on a Friday night or go for a special occasion.

The best part about Pho Pasteur is that it is relatively cheap compared to many other

restaurants in Harvard Square. They offer a wide range of menu items, like Pho (hot noodle soups), cold noodle dishes, salads, and a variety of other mouthwatering entrées. If it's your first time, I would recommend ordering the Goi Cuon, or fresh spring rolls (\$3.95) and a bowl of Pho (prices range from \$4.95 to \$6.25 for a piping hot bowl of noodles in your choice of soup base). But most importantly, experiment, try things you haven't tried before, and have fun!

Fire and Ice

50 Church Street
(617) 547-9007

This restaurant is unique in that it really has no distinct cultural background whatsoever for its food. I don't recommend this restaurant if you are branching out to try authentic ethnic dishes, but it is a fun place, especially if you are going with a big group of people.

Fire and Ice is set up so that they have buffet-type bars stocked with raw meats and vegetables for you to put in your own custom-made meal. Then, you pick a sauce from a wide variety of sauces they offer. There is a big circular griddle in the center of the restaurant where the servers cook everyone's dishes of raw meats, vegetables, and sauces. (If you are a vegetarian, you can ask specifically to have your dish cooked separately so that it will not get contaminated with meat.)

The best part is that you can go back for more food as many times as you want, and they also have a salad bar. However, that bad part is that your clothes smell afterwards, and the food is not all that well done, since it is mass produced. The last time I went, my roommate had burnt chunks in her meal, while mine didn't seem to be cooked all the way. You should go to Fire and Ice for the fun of taking part in the cooking process, not the end result. It is also a bit pricey (it is \$13.75 for all entrées).

FOOD REVIEW

The Essential Vegetarian

By Katie Jeffreys
FEATURES EDITOR

Did you attend the Boston Vegetarian Food Festival this weekend? I was unable to attend, but I know that MIT was represented there. Riding on Saferide Saturday night, I overheard someone telling others about it, the food he'd tried, the people he met, etc. It was great to hear random people discussing vegetarian issues.

This weekend I had dinner at the Parish Café (361 Boylston Street). The restaurant has a menu consisting primarily of sandwiches. Each dish is named after the Boston-area chef who created it, from such establishments as Elephant Walk and Rialto. Appetizers, salads, and martinis all follow the same pattern.

The sandwich I tried was the "Portobello Pudding," created by the chef at Upstairs at the Pudding. This creation had portobello mushrooms, cheese, and a light pesto sauce sandwiched between two (overly) crispy slices of focaccia bread. It was served with dark greens and chick peas on the side.

I also tried the spring roll appetizer, which had a typically flavored filling in a soft dough shell. While they are not particularly notable, they were certainly a nice start to the meal. The five spring rolls were served with a side of rice which was saltier than typical white rice.

The dishes, although simply sandwiches and appetizers, constituted a full meal. The price was reasonable as well, making for an enjoyable experience overall.

The atmosphere of the restaurant is very laid-back. The attentive waiter joked while he served, over the music of Janis Joplin. A seat in the window, on the patio, or at the bar offers an interesting view of that slice of humanity passing through the Back Bay.

The following recipe is from a vegetarian recipe website I recently discovered, <<http://www.vegetarianrecipe.com>>. The Portobello Sandwiches are one of the top ten recipes listed on the site.

As always, have a great week. And be sure to read *State of the Airwaves*, written by my best nemesis Dan Katz. E-mail me with any questions, comments, or suggestions at <veg-gie@the-tech.mit.edu>.

Portobello Sandwiches

2 cloves garlic, minced
6 tablespoons olive oil
1/2 teaspoon dried thyme
2 tablespoons balsamic vinegar
Salt and pepper to taste
4 large portobello mushroom caps
4 hamburger buns
1/4 cup mayonnaise
1 tablespoon capers, drained
1 large tomato, sliced
4 leaves lettuce

Turn on broiler and adjust rack so it is as close to heat source as possible. In a medium-sized mixing bowl, mix together garlic, olive oil, thyme, vinegar, and salt and pepper. Mix with a fork until the dressing is combined.

Put the mushroom caps, bottom side up, in a shallow baking pan. Brush the caps with 1/2 the dressing. Put the caps under the broiler and cook for 5 minutes.

Turn the caps and brush with the remaining dressing. Broil 4 minutes. Toast the buns lightly.

In a small bowl, mix capers and mayonnaise. Spread mayonnaise mixture on the buns, top with mushroom caps, tomato, and lettuce.

CONCERT REVIEW

Andy Stochansky

More than Just a Drummer

By Fred Choi

ASSOCIATE ARTS EDITOR

Those who still only know Andy Stochansky as "the guy who used to be Ani DiFranco's drummer" are truly missing out. It is true that Stochansky spent a number of years playing and recording with the infamous Ani DiFranco. He lent impressive contributions to her songs and also provided numerous hilarious and memorable moments to her shows through random stage banter and classic humor. However, in the past six years Stochansky has taken the plunge and moved on to explore his own music, putting out two amazing albums and doing some extensive touring. Most recently Stochansky played a rockin' show at T.T. the Bear's with a full band and a number of new tunes.

Stochansky is one of those artists who, in addition creating strong and powerful albums, is at his best playing in front of a live audience. Anyone with an ear for good music will readily appreciate Stochansky after seeing him play live. Despite some vocal fatigue and some recurring feedback problems (which Stochansky handled with grace despite visible signs of frustration), the show at T.T. the Bear's was in a word, amazing, and showcased Stochansky's formidable abilities both as a songwriter and as a performer. Stochansky exhibited his knack for crawling completely inside each one of the songs he performed, and each one was a direct hit.

It would be difficult to say which of the nine songs performed at T.T. the Bear's were the "highlights." Stochansky opened with "Fly," the rhythmic song which opens his most recent album *Radio Fusebox*. This and the two other songs from that album, "Insect" (in which Stochansky demonstrated hypnotic percussion skills on a hand drum) and "Poem for a Small Boy on an Amtrak Train," appeared in fantastic new versions. Considering the trio of these songs, it is impossible not

to notice the wide range of emotions, style, and purpose that they cover. The driving, rocking music of "Fly" forms a sharp contrast to the beautiful, quiet serenity of "Small Boy," which contrasts with the dark, rhythmic "Insect."

At another musician's concert one might be satisfied with an hour of mediocre music and just those three amazing tunes, but Stochansky proves his proficiency by filling out the rest of the set with songs just as noteworthy. Stochansky presented four songs, "Magpie Hymn," "The Wedding Song," "Clay Pigeon," which were first heard in the Boston area at Club Passim last month where Stochansky performed them live on solo guitar. However, it was with the backing of a band that the songs became really fleshed out and powerful. In these and a majority of other songs Stochansky played acoustic guitar, revealing in the sometimes startling chromatics and creative rhythms. Stochansky's high and expressive voice is a perfect foil to the heft of his music and a perfect compliment to his poetic lyrics, creating textures which fully support each song.

Rounding out the set were two songs from Stochansky's debut album *While You Slept* and, like the *Fusebox* songs, they were presented in new, well-crafted arrangements. Stochansky rocked out on oil drum on the melodic "The Woman Who..." which contrasted to the delicate "Pass the Wheel," accompanied by Tom Beckham on bowed vibraphone and keyboard. Beckham also provided impressive vibraphone and keyboard playing throughout the evening. He, along with Les Cooper (guitar and gorgeous backing vocals), Allisdair Jones (bass guitar), and Jean Martin (drums), deserve accolades for their fantastic playing, completely getting into the groove of each song and integrating their sound with Stochansky's to produce a mesmerizing evening. Hopefully we won't have to wait long for his new album or for his next show.

join@the-tech.mit.edu

MUSIC REVIEW

State of the Airwaves

Anger Management, At the Drive In, and Ankle Pain

By Dan Katz
STAFF WRITER

Ouch. As I write this week's column I'm laid up in my room with a sprained ankle; fortunately I just got in a bunch of imports from Canada to ease the pain. I can understand why the Tea Party and the Tragically Hip don't get airplay in the U.S., as their styles are pretty unique, but America's failure to embrace the Matthew Good Band always fascinates me. They'd fit on any modern rock playlist like a glove (if their album was actually available here). Hey, I think since I'm taking time out of my busy day of physical pain to entertain you, the reader, I'm entitled to a bit of a rant. Now on with the relevant info....

Hope you're more mobile than I am, since there are roughly three tons of concerts of interest going down this week. Let's break it down day by day:

Wednesday, hot-DJ-of-the-moment BT teams up with the always melodic Hooverphonic for a gig at Avalon. The Middle East counters with Coldcut, and in addition they're sponsoring two other shows in the area the same night: former Lemonheads frontman Evan Dando plays the Brattle Theater, while Jimmy Eat World headlines a long bill at the Somerville Theater that also includes the Damn Personals, veterans of last year's Steer Roast.

Thursday night's Moby/Hybrid show at Avalon has been sold out for weeks, but an intriguing alternative is Tony Levin, the former bassist for King Crimson. Peter Gabriel played an excellent show this June, and he returns there this week.

Friday, if you're blessed with an FNX Card (you can get one at <http://fnxradio.com>); it won't be in time for this show, but there are concerts for cardholders almost monthly, you've got a free ticket to Sunny Day Real Estate at the Middle East. If you don't have one, but you're of legal drinking age, they'll let you into Lilli's in Somerville to see one of Boston's best local bands, Hybrasil. Underage and cardless? You'll have to wait until Saturday, when you can catch cult indie rockers At The Drive In at Axis, Nada Surf and U.S. Crush at T.T. The Bear's, or heavy metal's heaviest and strangest performer, GWAR, at the Palladium in Worcester.

Sunday, the critical favorites come out, as Robyn Hitchcock and Grant Lee Phillips bust it out at the Middle East, while the always entertaining former lead vocalist for Soul Coughing brings his solo acoustic tour to Lilli's.

Finally, are they cutting edge liberals? Are they menaces to society? Are they over/underrated? Make your own judgments about musical bad boys Limp Bizkit, Eminem, and Papa Roach at the Anger Management Tour, pulling into the Worcester Centrum Monday night.

Limp Bizkit, who headlined a free tour this summer, will probably have enough money to put on a few more of them after today's big money release, *Chocolate Starfish And The Hot Dog Flavored Water*, which will easily hit #1. The other high-profile debut of the week is Everlast, who unveils *Eat At Whitey's* today, featuring the religious-right-friendly single "Black Jesus." Superdrag, whom you may recall from the songs "Sucked Out" or "Do The Vampire," hit the shelves again with *In The Valley of Dying Stars*, while the large swing-music collective of Squirrel Nut Zippers have a disc out called *Bedlam Ballroom*. Rounding out the day's releases are Add N To X (*Add Insult To Injury*), and trippy instrumental band Ozric Tentacles (*The Hidden Step*).

In case you don't read *The New York Times*, you may have missed one of their recent front-page headlines: "Phish Breaks Up." This is a bit of an inflation of the truth, since the band has actually taken "a hiatus of indeterminate length," which doesn't insinuate they won't be together again. However, the major point is that after over five years of constant touring, the band is taking time off. As much as I love performing, after that much time on the road, I'd want a break as well. I have a feeling this break really is only temporary, and the Sons of the Grateful Dead will be sticking around for a long time to come.

I find Marilyn Manson's new song "Disposable Teens" guilty not of being bad per se, but rather of being boring and nondescript. It has a nice beat to it (à la "Rock Is Dead") but the guitars are so generically Manson and the lyrics are so scattered and focusless that the first time I listened to it, I managed to forget the song was on by the time it ended. Of course, that could just be my short attention span talking. What was this paragraph about?

Send me approval. Send me complaints. Send me an icepack. Send them to airwaves@the-tech.mit.edu. And as I send myself to find some ibuprofen, have a terrific week, and keep expanding your horizons.

BOOK REVIEW

The Diagnosis

A World Like MIT

By Jane Maduram
STAFF WRITER

Written by Alan P. Lightman
Pantheon Books
ISBN #0679436154

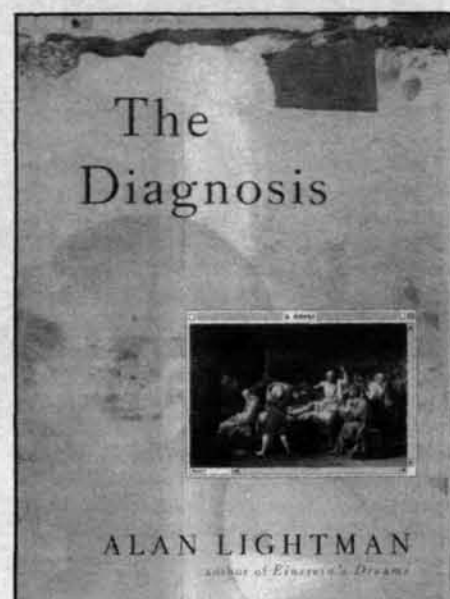
The *Diagnosis* is the neurotic tale of a man emotionally and physically paralyzed by the time-conscious, technology-dependent world he lives in. The story begins when Bill Chalmers, the angry protagonist of the novel, has temporary amnesia while taking the T to work. (Yes, the story is set in Boston.) While he eventually finds his home and regains his memory, he slowly begins to lose control of and feeling in his arms and legs. This gradual physical incapacity, in addition to Chalmers's frustrated anger, a series of unresolved medical tests, and the work-centered rat race of Chalmers's life combine to create a formidable tension that stretches throughout the book.

The writing style fits, for the most part, the crazy pace of the book. The jerky, conversational sentences convey anxiety and fear quite well, and the long sentences provide a stream-of-consciousness style that conveniently puts the reader in the mind of a paranoid man. The integration of e-mail and instant messaging notes in the text, replete with spelling errors, adds to the authenticity of the life presented. If you would like to give an MIT outsider a feeling for problem sets, this book may be one way to communicate that. The "intermission" chapters, which explore the last days of Socrates (presumably in an extended metaphor) are written in an entirely different style which is equally effective and far more relaxing.

When these two styles are combined near the end, while Bill Chalmers is completely paralyzed, the book loses its drive. While Chalmers's description of the "soul of a leaf" is beautiful and insightful, it seems that a little restraint with adjectives would have strengthened that segment.

The greatest strength of the book, however, comes from the surrealistic scenes that mock society and the protagonist's life. Near the beginning, Chalmers finds himself in a cube, grabbing money from above while wearing hospital booties and oversized pants. In another, Chalmers is made to undergo a completely unnecessary procedure during his amnesiac spell because only then can the new machine be tested without authorization. When the experiment goes wrong, he is hastily shunted to the Psychiatric ward. And in another scene, he is told by a fellow patient that "when Petrov was a young physician, years ago, he occasionally made definite diagnoses, and these were often quite correct. But with the vast increase in medical technology, and with it so many new considerations to take into account, he's limited.... No one in this room has advanced to a diagnosis pro tem, let alone a final diagnosis, I can assure you."

With his wittily sarcastic vignettes on life, it's not surprising that the author, Alan Light-



man, is a writing professor at MIT. MIT's culture seems to be married so tightly to this book, intentionally or not, that the protagonist and many of his colleagues sometimes resemble 40 year-old MIT freshmen. There is, for example, a passage in which Chalmers comments on a person he sees on the train. "He [Chalmers] both detested this man and wanted what he had. He knew him well, had known several men like him in school. They were the ones to whom everything came easily. They were the ones who finished their homework in half the time.... Undoubtedly, he [the man on the train] was current on all that he needed to know, he absorbed information without effort through the pores of his pale skin."

Another MIT trait that comes up is competition regarding the lack of sleep. "As Bill's eyes fell upon them, Nate turned toward him and silently held up six fingers, with the well-understood meaning that he had slept only six hours, working the rest of the night from his modest at home. Sidney noted the gesture, snorted, and held out five fingers."

Later in the book, Chalmers comes to his workplace at night and stumbles into Mr. Stumm, a man who frightens everyone with his seeming efficiency and imperturbability. "Something moved at the desk. Bill turned and noticed for the first time a man sitting there, peering back with a look of embarrassment and panic. His eyes were swollen and bloodshot.... 'He's too wicked proud,' Mrs. Stumm said and propped up her thick legs on a glass tabletop. 'He doesn't want anyone to know that he gets so far behind. That's why we have to sneak up here in the middle of the night.'" The workaholicism that Lightman spoofs is, unfortunately, not too far from life at MIT. If this book is, as it seems, a sarcastic exaggeration of today's technology- and time-pressured world, it is ironic that undergraduate life at MIT is worse.

The *Diagnosis* is a finalist for the 2000 National Book Award in the category of fiction.



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Gathering Unites MIT Jewish Community in Time of Crisis



Danny Fein '02 wore a peace-themed yarmulke to show his support for an end to the current conflicts in the Middle East.

By Dana Levine
NEWS DIRECTOR

Nearly 100 members of the MIT Jewish community met last night in the chapel to pray for unity during the current crisis in the Middle East.

Robert B. Lillianfeld '03, one of the event's organizers, said that MIT's many Jewish groups often conflict over current events in Israel. However, he said that last night's gathering was intended "to be non-inflammatory" and aimed to foster solidarity among the diverse community of Jews at MIT.

"We don't want the community to be split. We come together as Jews with the common denominator that people are dying, and that's bad," he said.

Lillianfeld said that the atten-

dees represented all sections of the Jewish community, ranging from the extremely religious to those who rarely observe Jewish customs.

MIT Hillel Treasurer Bette M. Weinberg '02 believes that this diversity made the event successful. "There were some people here who I hadn't seen in a while," she said.

During the ceremony, several people led songs, recited poems, and spoke of their hopes for the Middle East peace process.

"First, we're here as human beings. We're reacting to something which is painful. However, we're also here as a community," said Milan A. de Vries G.

Rebecca Reich G said that the event reminded her of the strength

of the community. "It makes you feel that no matter how frustrated you are, you still have a community to rely on," she said.

Hillel Vice President Anna M. Leos-Urbel '02 talked about how strong feelings can separate a group of people. "A lot of us are scared, angry, confused, disappointed. These feelings can easily polarize the community," she said.

"I think it's great that people think that this kind of thing makes a difference," said Jonathan I. Reznik '04. Reznik believes that this sort of event will help to ease distraught communities of Jews in the U.S.

Ron O. Dror G said that this event, while positive, "is not good enough. This kind of thing will have to happen in Israel," he said.



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Incident Raises Questions about Medical Transport

Kappa Sigma, from Page 1

out alcohol," the fraternity must address that problem, Gunn said.

Dean for Student Life Larry G. Benedict said the Institute believes that the incident does not reflect a larger problem at Kappa Sigma and will not open disciplinary procedures against the fraternity. "We don't see this as a fraternity incident; we see this as an individual's problem," Benedict said.

Benedict could not comment on whether the Institute would discipline Weston.

KS received suspension in spring

Kappa Sigma appeared before the CLC twice last semester.

The fraternity received a thirty-day suspension in early March after a guest at the fraternity required hospitalization for alcohol intoxication. The suspension took effect during this fall's rush period, obliging the fraternity to rush from a local hotel. Although this sanction was intended to harm Kappa Sigma's rush, their rush in fact went unusually well, garnering the fraternity more pledges than usual.

The fraternity was also ordered to be dry for two years.

Kappa Sigma appeared before the CLC later that semester in connection with a January incident in which Campus Police responding to a fire alarm found the first floor of the fraternity's house trashed. The fraternity said the situation was the result of the independent action of a brother who was subsequently asked to leave the house and had his active status in the fraternity revoked. No sanctions were imposed by the CLC as a result of this incident.

Scali expressed frustration that the fraternity should have to appear again after the action taken last spring.

"What I don't understand is why

after the suspension kids would be bringing alcohol on the premises," he said.

Sarah E. Gallop, the co-director of the office of government and community relations, acknowledged that the recent events make Kappa Sigma's situation more precarious. "Because there is that history this is a particularly sensitive issue," Gallop said.

However, she said that the fraternity's quick reaction may earn them credit in the eyes of the CLC. "Historically that is the sort of [swift action] they look for," Gallop said.

She credited Kappa Sigma's housemaster for playing a positive role.

"[Snyder] has been playing a unique role as Housemaster. His interface with the CLC has been very productive," Gallop said. "He's really managed to open up the lines of communication between the CLC and Kappa Sigma."

Benedict said, "Kappa Sigma really took care of the situation themselves. [The fraternity] took appropriate, quick actions, and they did a good job."

Gunn noted that it is difficult "to make an entire house dry instantaneously. It's a learning curve. We hope to convince the CLC we're reacting proactively and dealing" with problems as they come up.

Snyder said that "we tried to exercise some maturity and some responsibility in responding" to the incident.

CLC reaction could be severe

Benedict said that it is his "hope and anticipation" that the CLC will not take severe action against Kappa Sigma.

"This is an isolated incident. It could have happened anywhere, in any living group or dormitory," Benedict said, noting that outside of this incident the fraternity members

"have done a good job policing themselves."

Gallop noted that "occasionally we have gone before the CLC and they have said, 'You did a great job responding,'" and closed the issue there. While she could not say this outcome was likely in this case, she said, "it's an option here."

Scali said he could not speculate on how events would play out after the hearing. "The best case would be that the kid somehow had alcohol off the premises, came back, and was sick," Scali said. In the worst case, he said, fraternity members were aware of what was going on and condoned it.

Scali said that he did not know how the CLC would punish Kappa Sigma if they are found in violation of the sanction conditions, but he noted that "they've already been suspended for twenty days, so it would have to be something more serious than that."

Gallop said that she would meet with the members of Kappa Sigma before the hearing to help them prepare for it.

Benedict added that he would accompany the brothers to the hearing.

IFC will conduct investigation

Russell L. Spieler '01, Interfraternity Council Judicial Committee chair, said that the IFC will also be conducting an investigation into the incident and will decide what, if any, sanctions to impose on Kappa Sigma before the CLC hearing.

"We will be presenting our judgments before the CLC and advising them based on our findings," Spieler said. "We are seeking better relations with city government, so we hope to help guide them and to have them help guide us" in this issue.

Scali said that the IFC has a policy of promising to reward fraternities for acting responsibly, such

as calling for medical assistance in the case of intoxication, even if it may get the fraternity in trouble.

"[A fraternity] will receive some leniency if [it takes] the responsible action," Spieler said.

Scali and IFC President Damien A. Brosnan '01 said that the IFC did not have enough information at this time to judge whether Kappa Sigma may be at fault in any way.

"It's important we come at this [the investigation] from a data-collecting standpoint," Brosnan said.

Incident raises transport issue

The incident came in the midst of a campus-wide debate on whether MIT should provide confidential emergency medical transport. Had such a policy existed at the time of the incident, it might never have come to the attention of the CLC.

Benedict said that he did not think this case would have any bearing on whether or not MIT's policy would be changed.

"The bottom line is that I'm most concerned about student health

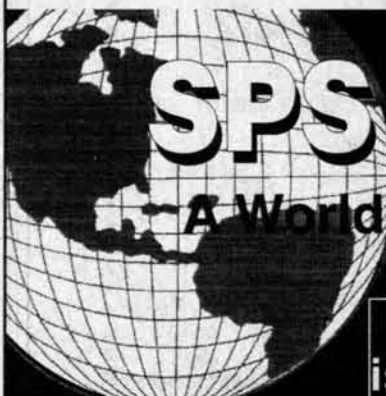
and safety," Benedict said, noting that he hoped the policy would be revisited later in the semester.

Brosnan said the IFC is "in total support of anonymous medical transport" and intends to lead the campus in pursuing that and other alcohol and health-related initiatives.

However, Scali said that although he agreed that health and safety were paramount, he had reservations about anonymous medical transport.

"What I don't support is that people are somehow using this as a way of avoiding consequences for violations," Scali said. "I think MIT students are smart enough to know that if someone's sick you do whatever it takes to get them help" regardless of legal ramifications.

Scali said that "it's definitely not the IFC position that no one should be responsible for their actions, but safety of members should come first. We would hate for resultant sanction if it's warranted [in the Kappa Sigma case] to scare people from getting help for their friends."



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Sunday, October 29

Collage New Music
presents

Masters of Chiaroscuro

with Janice Felty, mezzo soprano & Margaret Lattimore, mezzo soprano

7:00 pm

C. Walsh Theater, 55 Temple Street, Boston

John Harbison: Mottetti di Montale, Libri I, II, III, IV

Luciano Berio: Sequenza II, for Harp

Luigi Dallapiccola: Piccola Musica Notturna

Embraced by the intimate elegance of Italy, John Harbison's penetrating setting of poems by Eugenio Montale forms the heart of this very special Collage concert. The depth and grandeur of the Motetti require the gifts of two artists - exciting new acquaintance Margaret Lattimore, who has appeared with the Metropolitan, Knoxville, and Berkshire Opera Companies and our close friend and sensational musician, Janice Felty. Together, with the extraordinary Collage, they will fly you to warmer climes!

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with **John Drzik, Chairman**
Room 4-149 at 7:00 pm

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HOW TO USE THE BATHROOM.

You're probably saying to yourself, any four-year-old knows how to use the bathroom. But you may not know that you use more water in the bathroom than anywhere else in your home. In fact, between the toilet, the shower and the sink you can use up to 55 gallons a day. Multiply that by the number of homes in the world, and that's a lot of natural resources going down the drain. Now, we're not saying you should stop taking showers or brushing your teeth. We're just suggesting some simple bathroom training. For instance, when you're brushing your teeth, turn off the water. Do the same when you're shaving. And just because your shower sounds like an opera hall, don't feel the need to sing one. Shorter songs make for shorter showers. And for the biggest culprit of them all, the toilet, try putting a weighted jug in the tank. It will help save water every time you flush. Plus, don't forget to turn out the lights when you leave. You'll be helping to conserve electricity.

Save up to 15% more water by installing a weighted jug in your toilet tank.

And oh yeah, if you don't think you'll remember these things, take this newspaper with you the next time you go. This message brought to you by the 43 environmental charities that make up Earth Share.

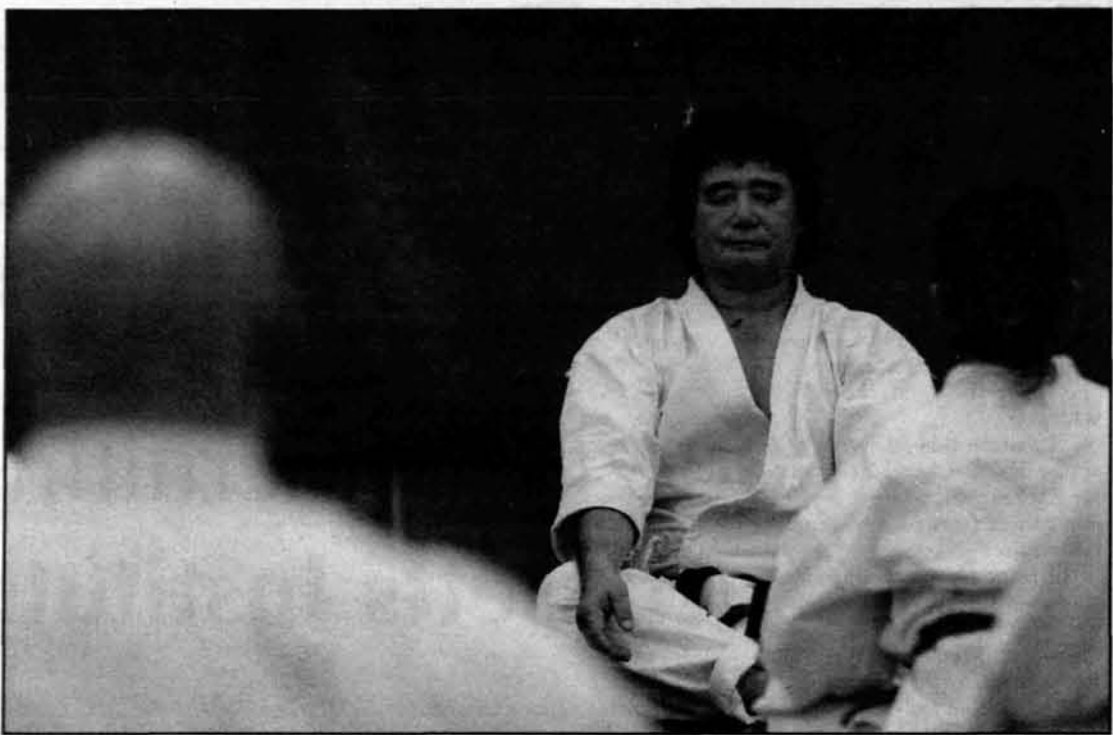
For more tips or information on how you can help, write Earth Share, 3400 International Drive NW, Suite 2K (AD2), Washington, D.C. 20008.

Earth Share

Ad Council

IT'S A CONNECTED WORLD. DO YOUR SHARE.

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JUST BREATHE — Sensei Kazumi Tabata meditates toward the end of his presentation on the technique and philosophy of Shotokan Karate. Students of Shotokan from MIT and the Boston area attended the presentation Sunday morning at the Du Pont Athletic Center.

It's a connected world. Do your share.

For 30 ways to help the environment, write Earth Share, 3400 International Drive, NW, Suite 2K (AD4), Washington, DC 20008.


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Ready to join a company where people don't just work their hardest, they play their hardest too? Wanna play foosball in the Cognex game room or ultimate frisbee at lunch? Maybe you just want some exciting challenges in the office and on the field...the playing field that is. At Cognex, our employees do it all. Every day. Every week. And to top it off, we often unwind with a cookout, gathering or company event. Cognex has become the world leader in the manufacture of machine vision systems — devices that can identify miniscule deviations on 3-dimensional objects at assembly-line speed. We absolutely dominate our industry, so much so that our annual sales revenues are more than all of our competitors' combined. We're a pretty damn cool company that has the kind of rewards that can't be quantified, as well as those that can. Make an uncommon commitment to an uncommon company at Cognex.

when you can balance the foosball tournament, the friday night rave and the differential equations exam, you're ready.



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We are seeking top-notch Computer Science or Electrical Engineering students interested in joining a company where excellence is expected and rewarded.

We will be having an information session on Tuesday, November 14th. We will be on campus on Wednesday, November 15th. Please see your Career Services office for full details, or contact us at:

Cognex Corporation, One Vision Drive, Natick, MA 01760;
fax: 508-650-3340; e-mail: hr@cognex.com

Redwine Justifies Use of Study Room

UA, from Page 1

UA Councillor Colin T. Galbraith '03 said, "I am vehemently against this [because] it changes the aura of the Student Center." Galbraith believes that it would "no longer be a safe haven" for students.

"I believe this is a step in the wrong direction," said UA Councillor Zhelinrentrice L. Scott '01. "I don't think [this room] should be taken away."

In response to the opposition, Redwine said, "We don't have a whole lot of other options" because the proposal requires 6,000 square feet of space.

Redwine ended by saying that "no decision has been made" and that the administration "wants stu-

dent input" before they make a final conclusion on the proposal.

TEAL is funded by the d'Arbeloff Initiative, the MIT/Microsoft I-Campus Alliance, and the National Science Foundation, among other sources.

The Council also passed a bill amending the UA Constitution to give the Speaker the power to call informal discussion sessions.

The Council officially recognized the MIT ROTC for being named the best in the nation with a resolution of congratulations.

On Friday, the UA is hosting the GM-Chevy Soccer tournament, an event which is open to all students and faculty.

This meeting was televised live on MITV as are all UA Council meetings now.

The biggest threat to depression is your awareness of it.

Serious depression strikes millions. Serious depression strikes indiscriminately. Serious depression is MOST dangerous when it goes unrecognized. That's why it's so important to always be aware of the threat of depression. And if your life is ever interrupted by a period of depression, remember that it is readily, medically treatable.

UNTREATED DEPRESSION

#1 Cause of Suicide

Public Service message from This space donated by The Tech <http://www.save.org>

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ADDENDUM

To OWNER'S MANUAL for the HUMAN BRAIN

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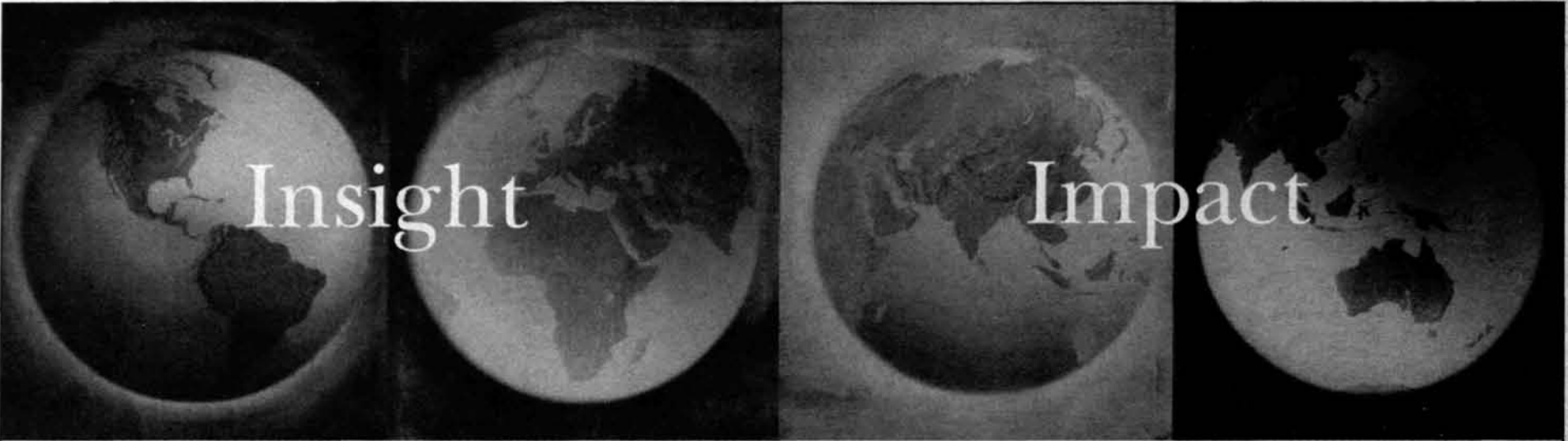
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Tuesday, October 17
7:00 pm
Cambridge Marriott

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Buenos Aires	London	Paris	Warsaw
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Applications* are due via InterviewTrak by Monday, October 30.
For more information, visit our web-site or contact:
Linda A. Toyias, Associate Recruiting Coordinator
The Boston Consulting Group
Exchange Place, 31st Floor, Boston, MA 02109
617-973-1308
*an application consists of a cover letter, resume, copy of undergraduate transcript, SAT scores (split), and location preference.

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Everything you never wanted to admit you know about pop culture is finally worth something!
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7:30-9 PM
- ★ **SCI-FI Q**
How many Klingons did Captain Kirk kill? Test your science fiction trivia I.Q.
Friday, November 17
7:30-9 PM
- ★ **Beasts, Bots, & Borgs**
From Hal to R2-D2, a roll call of sci-fi's most memorable creatures.
Friday, December 8
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Information
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Week to Raise Awareness of Domestic Violence on Campus

Awareness, from Page 1

al violence," Erwin said. The ribbons will then be displayed on a drop poster in Lobby 7 later in the week.

Stop Our Silence will also be handing out information about domestic and sexual violence, including statistics and resource lists, in the Student Center.

Domestic violence, a major issue across the nation, usually occurs on college campuses in the form of dating violence. Erwin cited research stating that "one in three adult women have experienced violence from an intimate

partner and one in four college women experience violence from an intimate partner."

Gutierrez emphasized that the issue touches MIT as well as other college campus. "Domestic violence affects men and women of all age groups and can be difficult to identify. Specifically at MIT, we fail to recognize many important issues because of the enormous work load," she said.

Events will occur nationwide

National organizations are also sponsoring numerous events for this year's Domestic Violence Awareness Month.

The National Coalition Against Domestic Violence organized the "Day of Unity" on October 2. The Family Violence Prevention Fund sponsored "Work to End Domestic Violence Day" on October 3.

The YWCA is having its "Week Without Violence" from October 15-21 including "A Day of Remembrance" on October 15 and "Confronting Violence Against Women" on the October 18.

Stop Our Silence will also have a talk in February by "nationally respected educator and phenomenal speaker" Katie Costner about date rape, Erwin said. She says, "We hope to have about 500 people."

TAKE A FEW MINUTES TO GO THROUGH YOUR GARBAGE.

Every Sunday, more than 500,000 trees are used to produce the 80% of newspapers that are never recycled.

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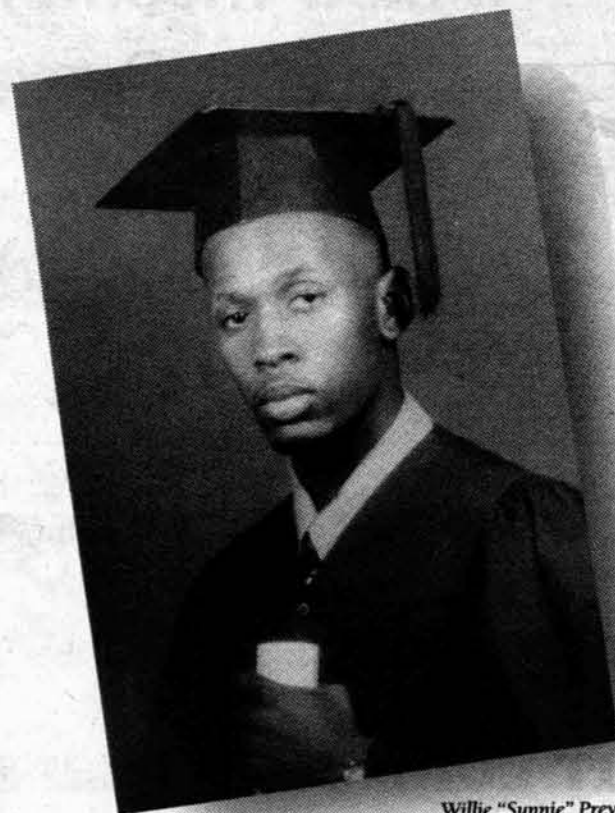
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U.S. Department of Transportation

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If you're an MIT Undergraduate, we know you have opinions on the freshman year.

Come share your thoughts on the policies of first-year grading and credit with committee members of the CUP and the Subcommittee that wrote the recent report.

Community Forum on Pass/No Record Grading & Advanced Placement Policies

**This Wednesday, October 18th
Room 5-234, 7-8pm**

To read the report, visit the top link at <http://web.mit.edu/committees/cup>.
Also watch for later forums held at a living group near you.

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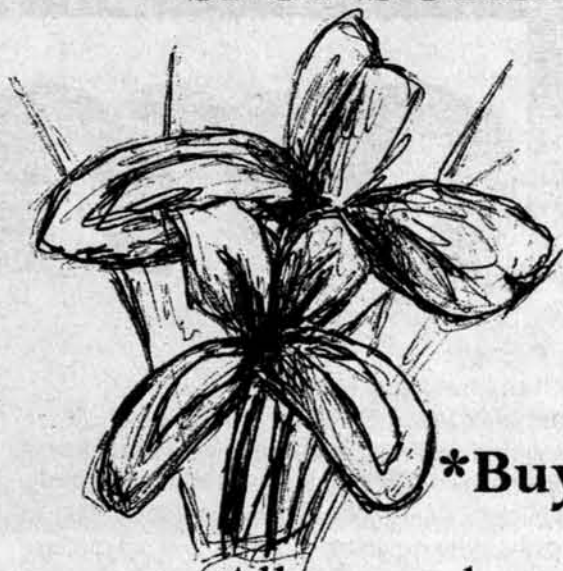
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8:30 PM in Baker Dining

An IFC "Star of Education" Event

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***A Self Defense Seminar by MIT Campus Police**

Wear Purple Ribbon All Week

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Set up a recycling bin for aluminum cans and one for bottles. And when you're in the bathroom brushing

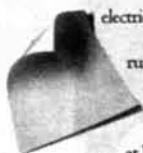


your teeth or washing your face, don't let the faucet run. Remember, if we use fewer resources today, we'll save more for tomorrow.

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how much solid waste is being thrown out in the trash cans. We bet it's a lot.

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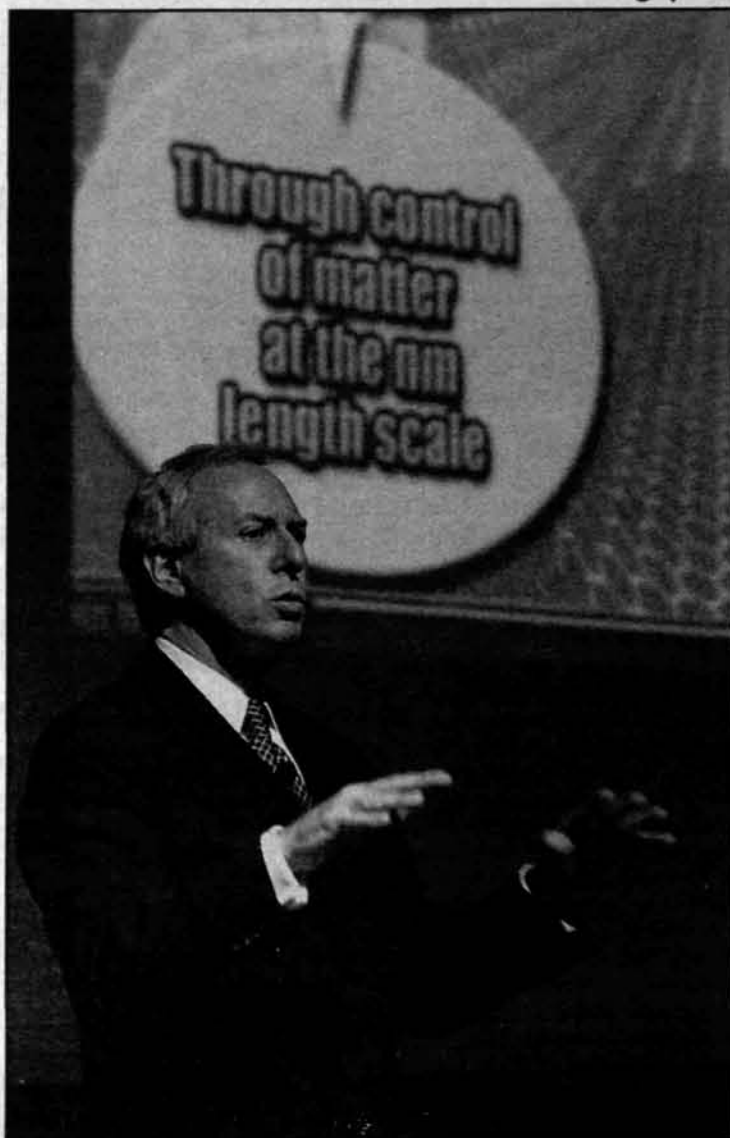
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Earth Share

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Today's Science Fiction Will Be Tomorrow's Reality, Goldin Says



ERIKA BROWN—THE TECH
NASA Administrator Dan Goldin spoke to a packed house last night for the System Design and Management Program's Distinguished Lecture Series. His talk, "Technology Base for the 21st Century," focused on NASA's research efforts in nanotechnology, biotechnology, and information technology.

NASA, from Page 1

Goldin also outlined three areas of technology central to the development of these future systems: nanotechnology, biotechnology, and information technology.

Goldin envisioned that with these technologies, "factories of the future will be manipulating atoms ... [and] building better small devices for lower cost."

He described robots that would mimic biological systems by embedding biological elements to create hybrid systems. These would apply biological knowledge and techniques to produce innovative engineering.

"God wrote all the basic rules. All we have to do in the next few decades is to figure them out," Goldin said.

Future information technology will feature interactive tools with real time perceptual user interfaces, Goldin said. He stressed the importance of investing in forms of computing other than silicon chips for future advancements.

Goldin also suggested the concept of "amorphous computing" which would mimic biological mechanisms and model-based reasoning.

Science fiction tomorrow's truth

While jokingly referring to *The Matrix* and *Star Trek*, Goldin said "This is not science fiction. We are working on it now."

The revolutionary implications of technologies developed for space exploration will ultimately impact every facet of science and technology, Goldin said.

"This is not theoretical stuff that only relates to Mars. It relates to everything we do," Goldin said.

Goldin noted that many of these technologies will be "problems left to the student."

However, Goldin warned, "We will have to bring up the level of scholarly research within ethical boundaries and not take shortcuts."

He ended the talk by emphasizing the importance of a learning environment where "everything will have to come together" to acquire more fundamental understanding and general skills for adapting to future change. "Collaborate, integrate, innovate, or stagnate or evaporate," Goldin said.

In the question and answer section following the lecture, audience concerns ranged from changes in the infrastructure of NASA to accommodate future needs to the concern of scientific ethics in developing these technologies.

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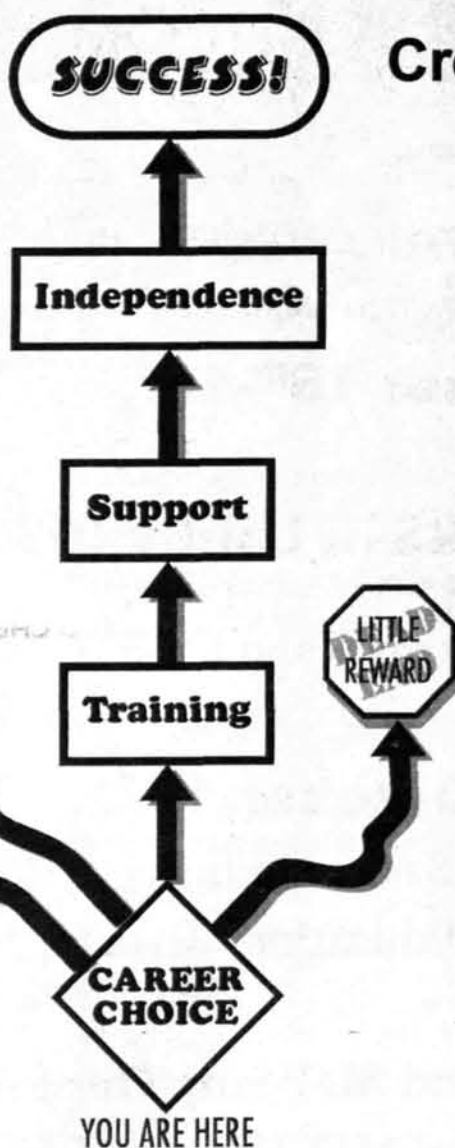
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Solution to Crossword

from page 11

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This space donated by The Tech

Wednesday, October 25th at 12:30p.m.

Alan
Lightman



Signing copies of his new novel — *The Diagnosis*

Alan Lightman is a professor of humanities and a lecturer in physics at M.I.T. His acclaimed books include *Einstein's Dreams* and *Good Benito*. His haunting new novel, *The Diagnosis* is an eye-opening look at our modern obsession with speed, information and money.

The Diagnosis tells the tragic and at times comic story of a man who suddenly forgets who he is and, as he regains his memory, is overcome by a strange numbness throughout his body. His world becomes a living nightmare as he endures medical tests with no conclusive results, his fast-paced job and his unbelieving wife.

As part of the Author Series at the M.I.T. Coop, Alan Lightman will sign copies of his novel *The Diagnosis* on Wednesday, October 25th at 12:30pm. This event is open to the public.



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Conference Services/Room 4-159
Monday, October 23; 6:30pm-8:30pm
Interviews
Office of Career Services
Tuesday, October 24; 8:30am-5:00pm

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ROSHAN BALIGA—THE TECH

Forward Maria E. Stiteler '03 keeps the ball away from a Mount Holyoke defender in Saturday's game. The Lady Engineers won the game 3-0, bringing their season record to 11-5 (4-3 in conference).

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